

CALIFORNIA HIGH-SPEED TRAIN

Project Environmental Impact Report/Environmental Impact Statement

WORKING DRAFT

Preliminary

Fresno to Bakersfield

Alternatives Analysis Report

Volume III

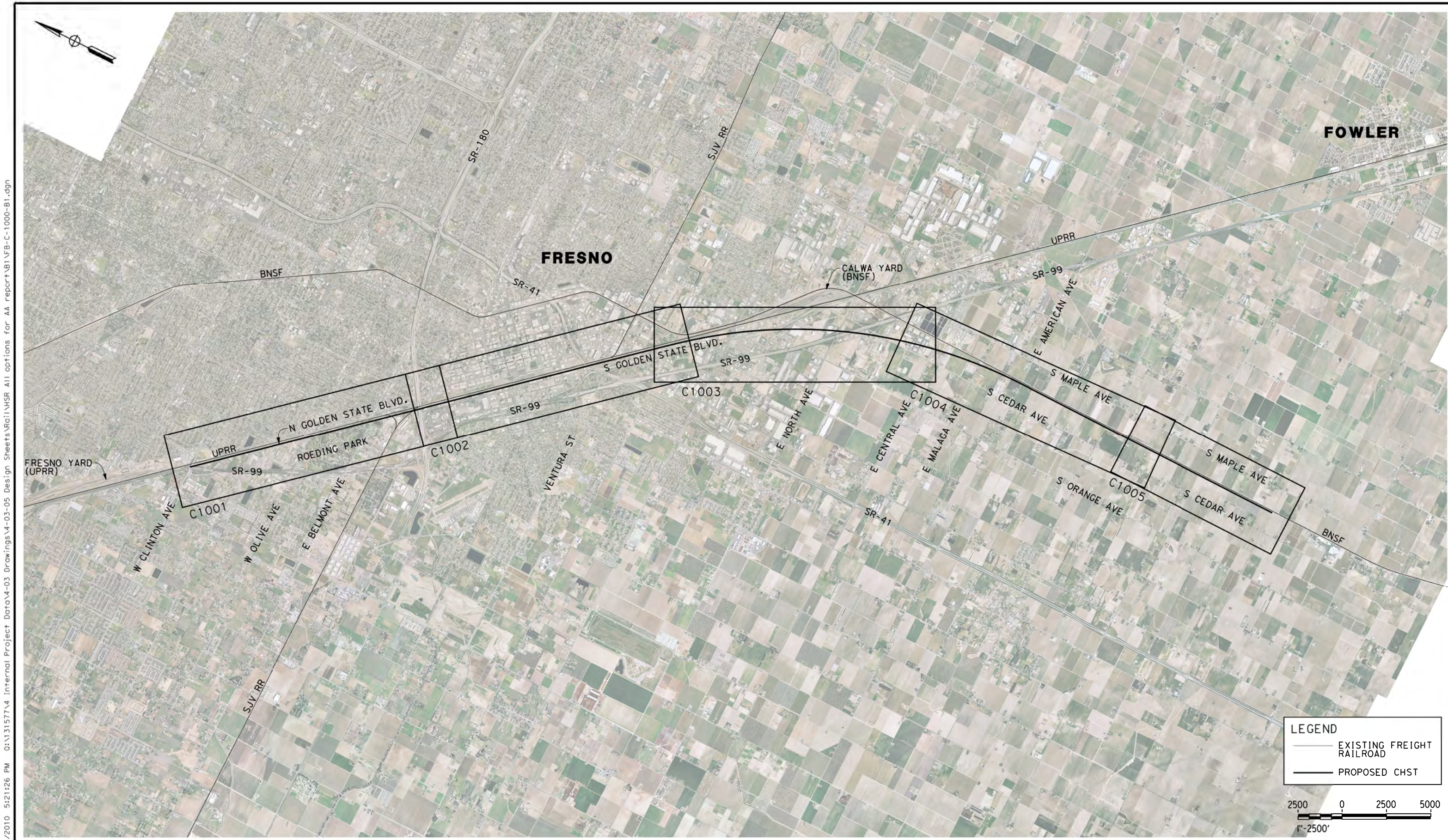
May 2010

California High-Speed Rail Authority



U.S. Department of Transportation
Federal Railroad Administration

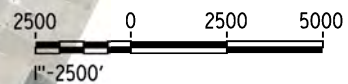




LEGEND

— EXISTING FREIGHT RAILROAD

— PROPOSED CHST



A	01/29/10	KS	DH	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY K. SEYMOUR
DRAWN BY P. TONKIN
CHECKED BY D. HUNT
IN CHARGE R. PRUST
DATE 01/29/10



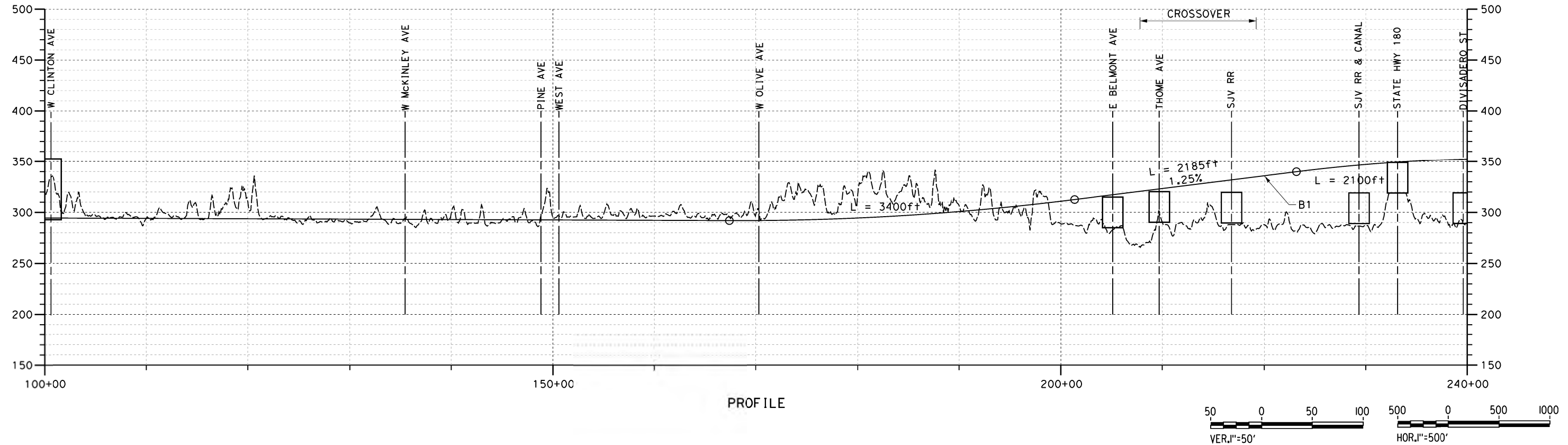
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO ALIGNMENT STUDY
ALTERNATIVE B1
BNSF SOUTH OF DOWNTOWN, UPRR WEST
KEY PLAN

CONTRACT NO. C-0-0000
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SHEET NO. 1 OF 6

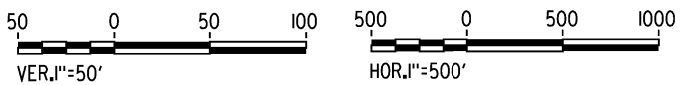
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PLAN



PROFILE



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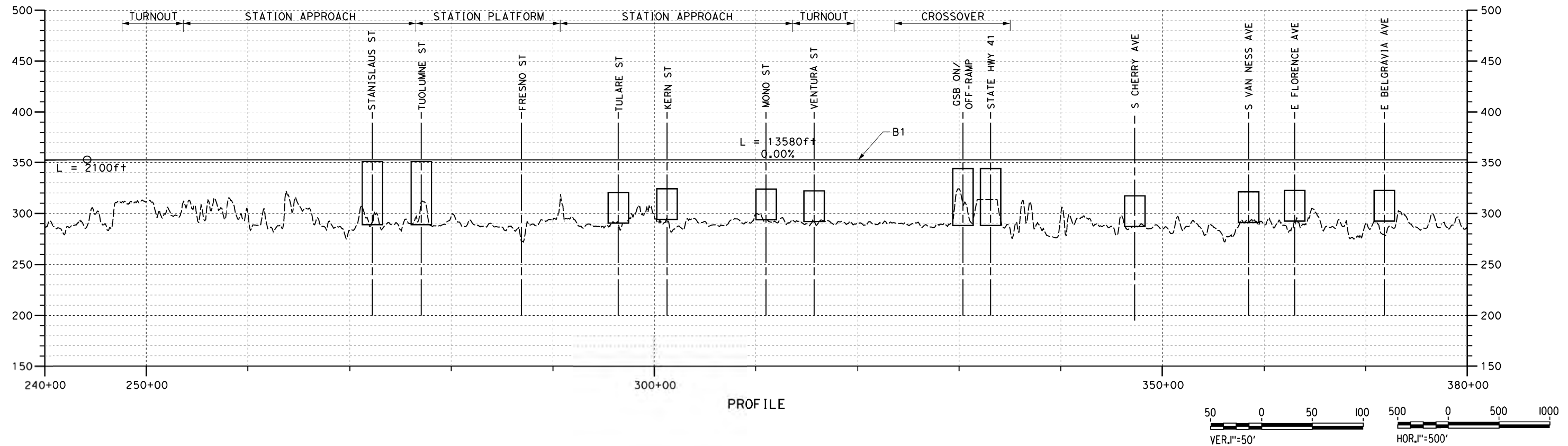
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FRESNO TO BAKERSFIELD
FRESNO ALIGNMENT STUDY
ALTERNATIVE B1
BNSF SOUTH OF DOWNTOWN, UPRR WEST
STA 100+00 TO 240+00

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DESIGNED BY K. SEYMOUR
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DATE 01/29/10



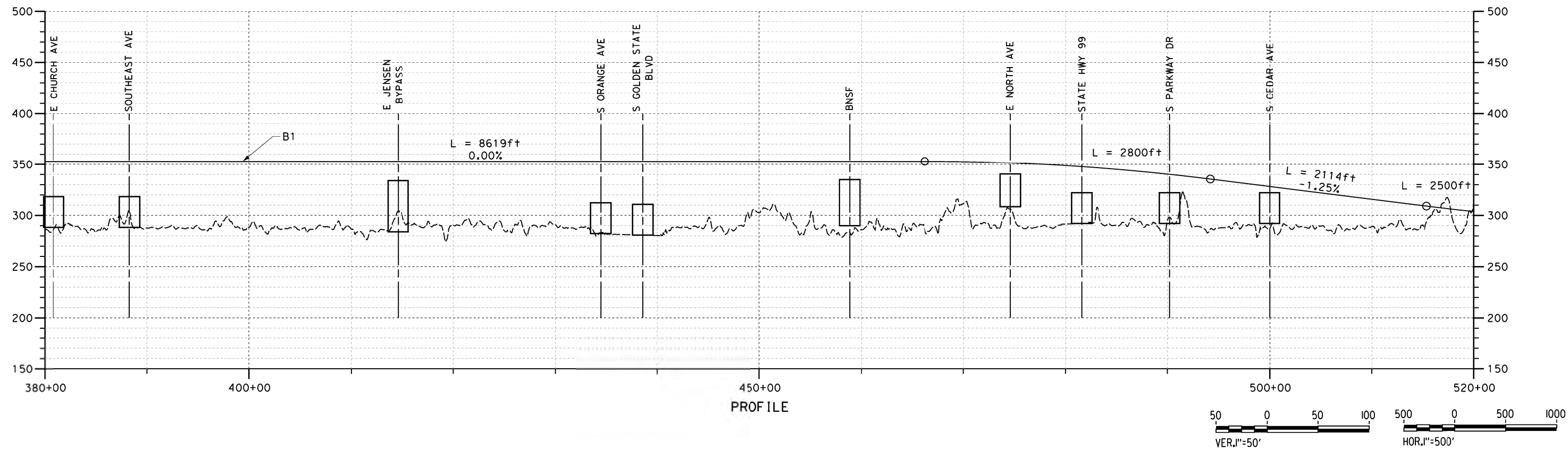
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FRESNO TO BAKERSFIELD
FRESNO ALIGNMENT STUDY
ALTERNATIVE B1
BNSF SOUTH OF DOWNTOWN, UPRR WEST
STA. 240+00 TO 380+00

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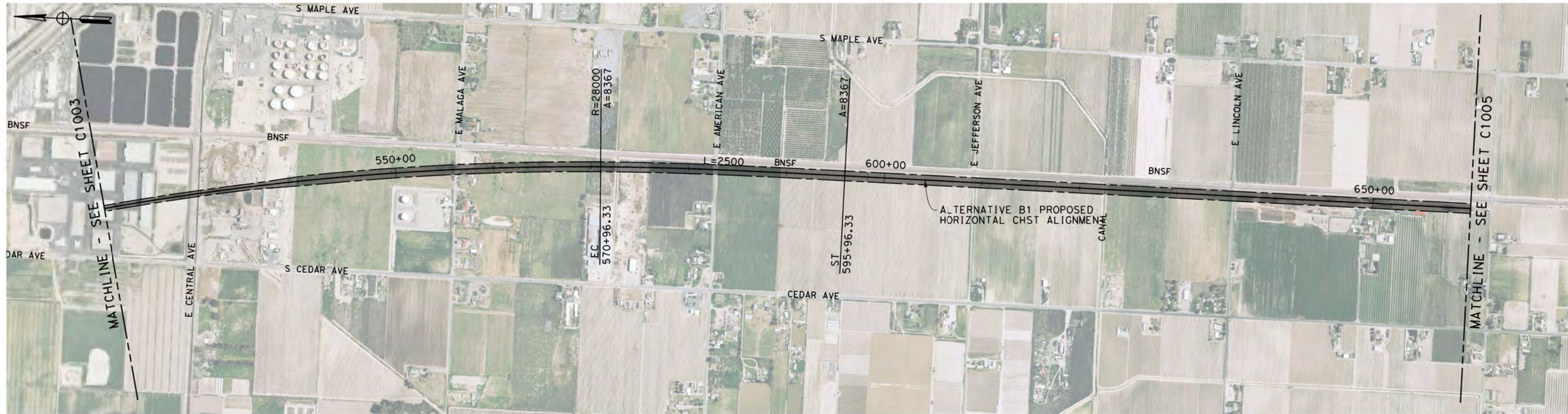
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DATE 01/29/10



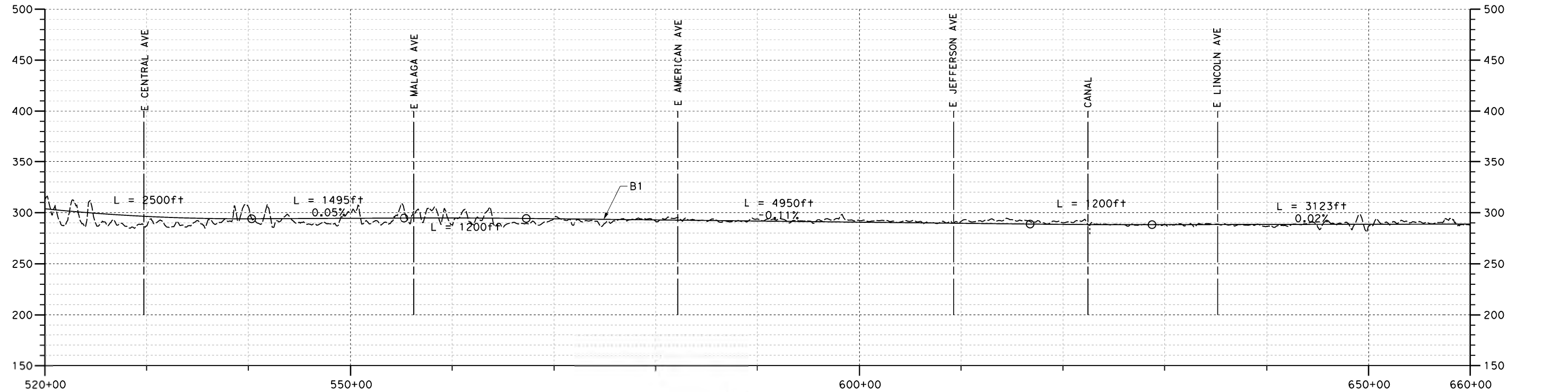
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ALTERNATIVE B1
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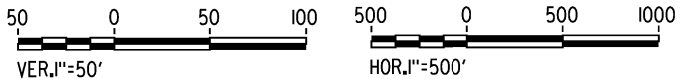
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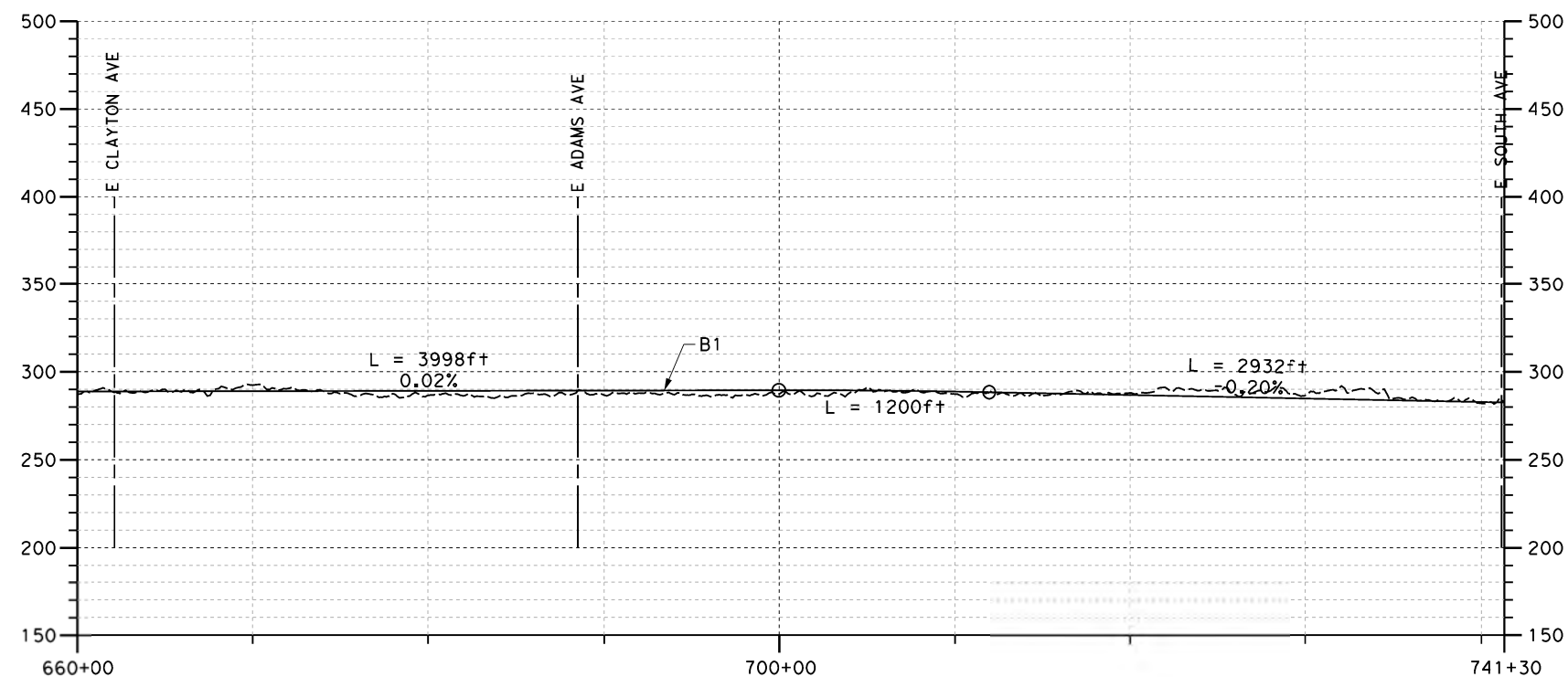
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FRESNO TO BAKERSFIELD**
FRESNO ALIGNMENT STUDY
ALTERNATIVE B1
BNSF SOUTH OF DOWNTOWN, UPRR WEST
STA. 520+00 TO 660+00

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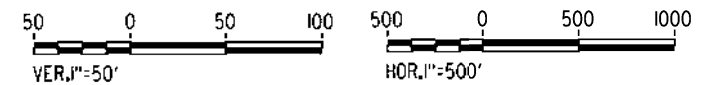
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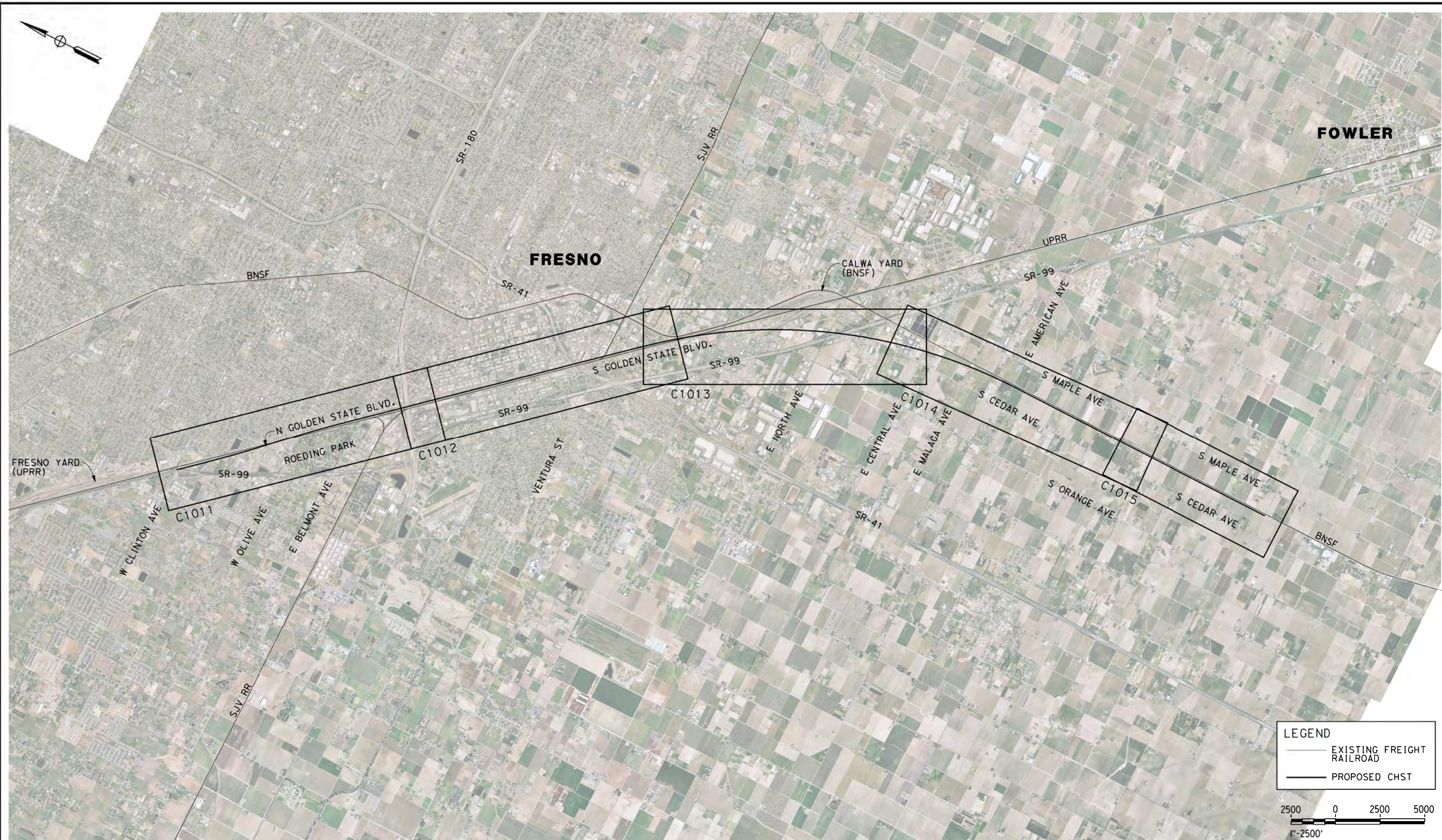
ALTERNATIVES ANALYSIS REPORT



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO ALIGNMENT STUDY
ALTERNATIVE B1
BNSF SOUTH OF DOWNTOWN, UPRR WEST
STA 660+00 TO 741+30

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LEGEND
— EXISTING FREIGHT RAILROAD
— PROPOSED CHST

2500 0 2500 5000
1"=2500'

A	01/29/10	KS	DH	RP	ALTERNATIVES ANALYSIS REPORT
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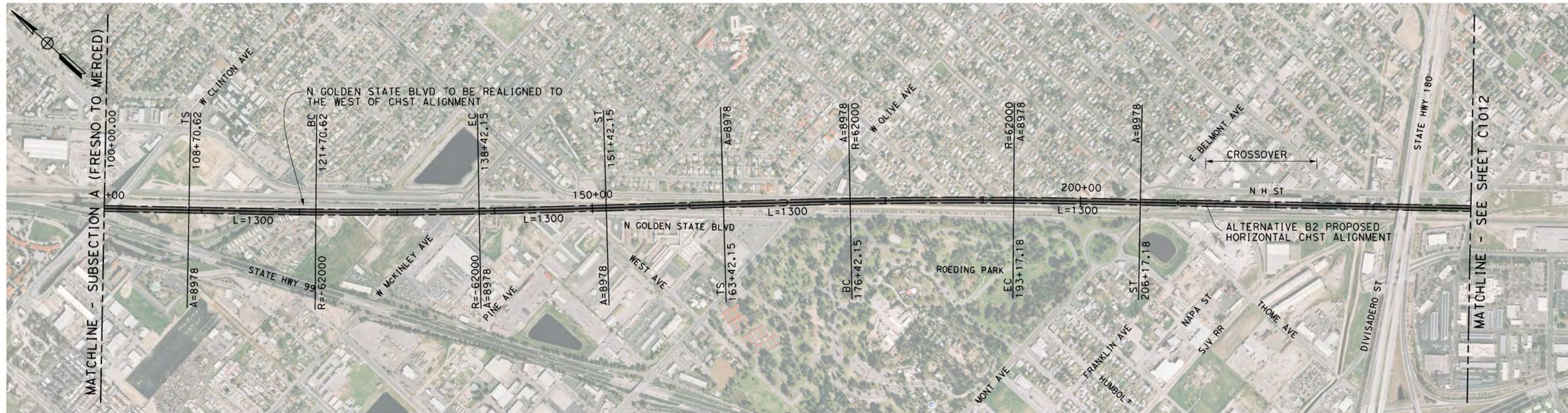
URS | HMM | ARUP

CALIFORNIA HIGH-SPEED RAIL AUTHORITY
FLY CALIFORNIA
Without ever leaving the ground.

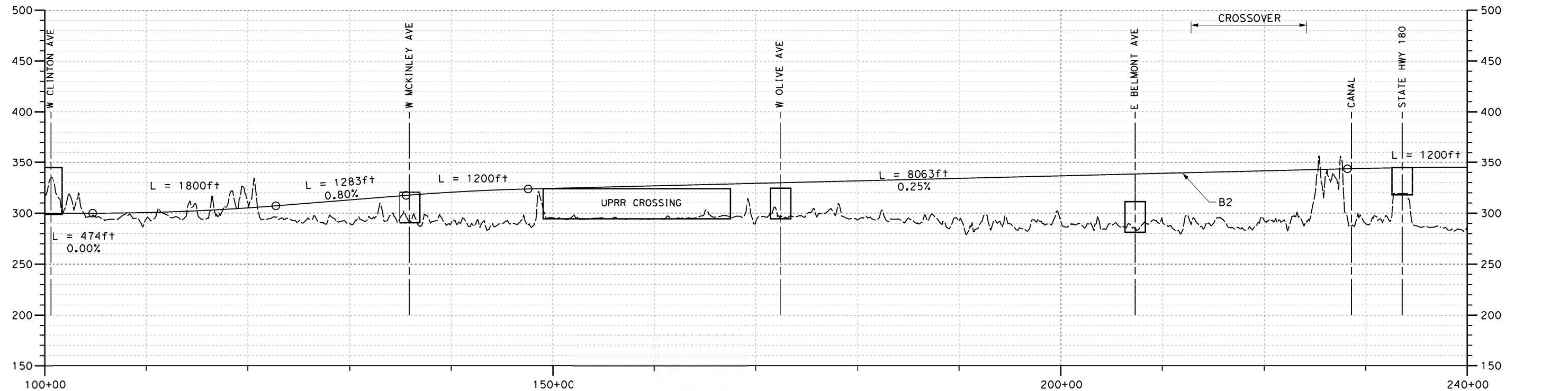
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FRESNO TO BAKERSFIELD
FRESNO ALIGNMENT STUDY
ALTERNATIVE B2
BNSF SOUTH OF DOWNTOWN, UPRR EAST
KEYPLAN

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SCALE
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SHEET NO.
1 OF 6

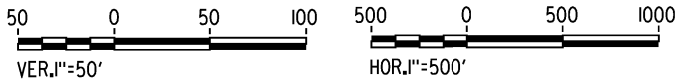
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PLAN



PROFILE



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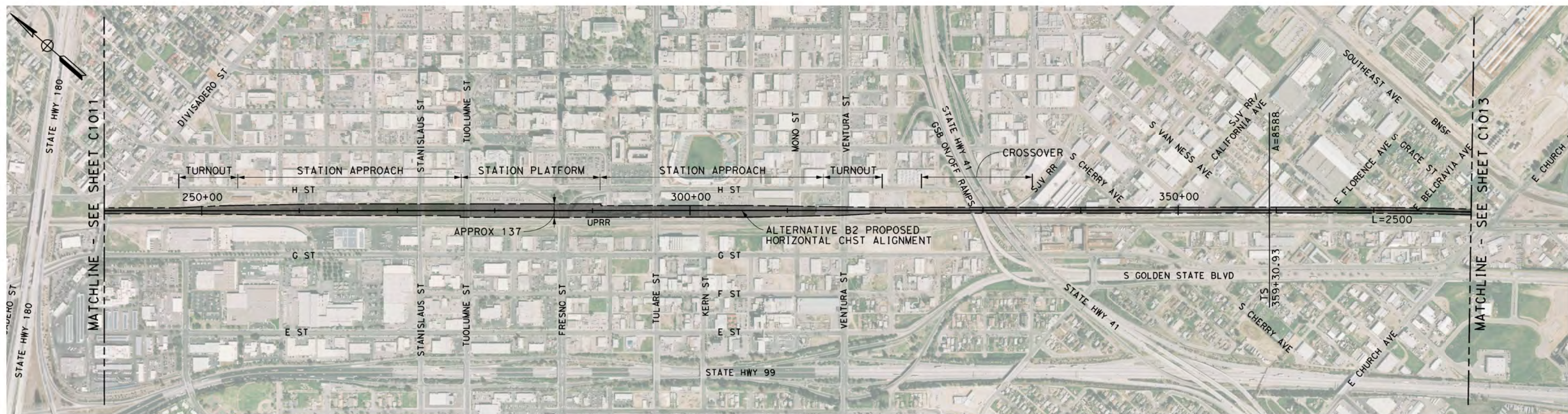
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DATE 01/29/10



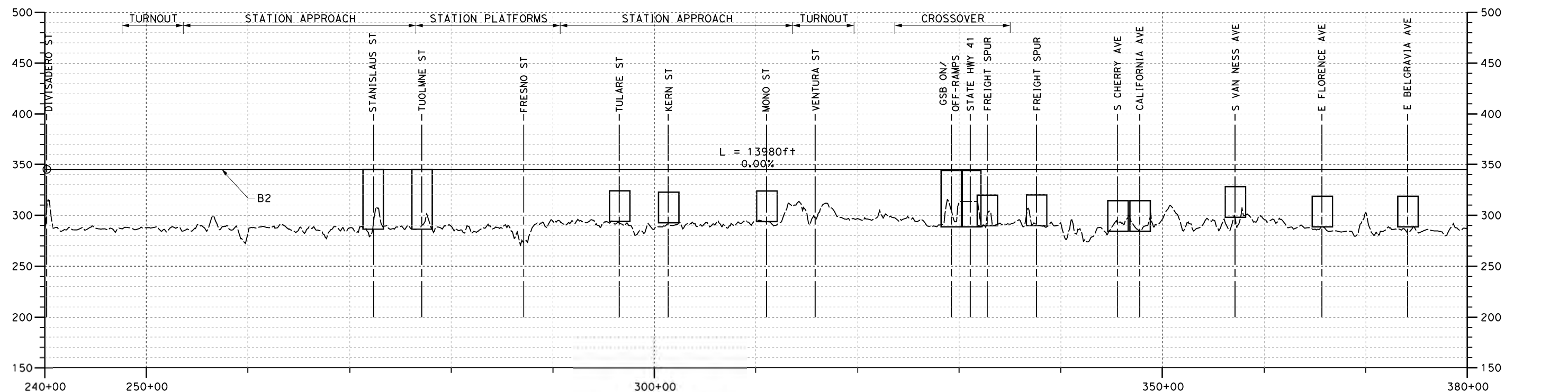
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FRESNO TO BAKERSFIELD**
FRESNO ALIGNMENT STUDY
ALTERNATIVE B2
BNSF SOUTH OF DOWNTOWN, UPRR EAST
STA. 100+00 TO 240+00

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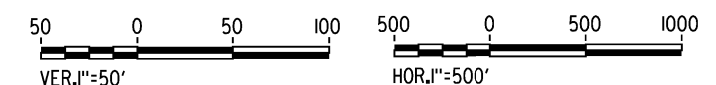
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PLAN



PROFILE



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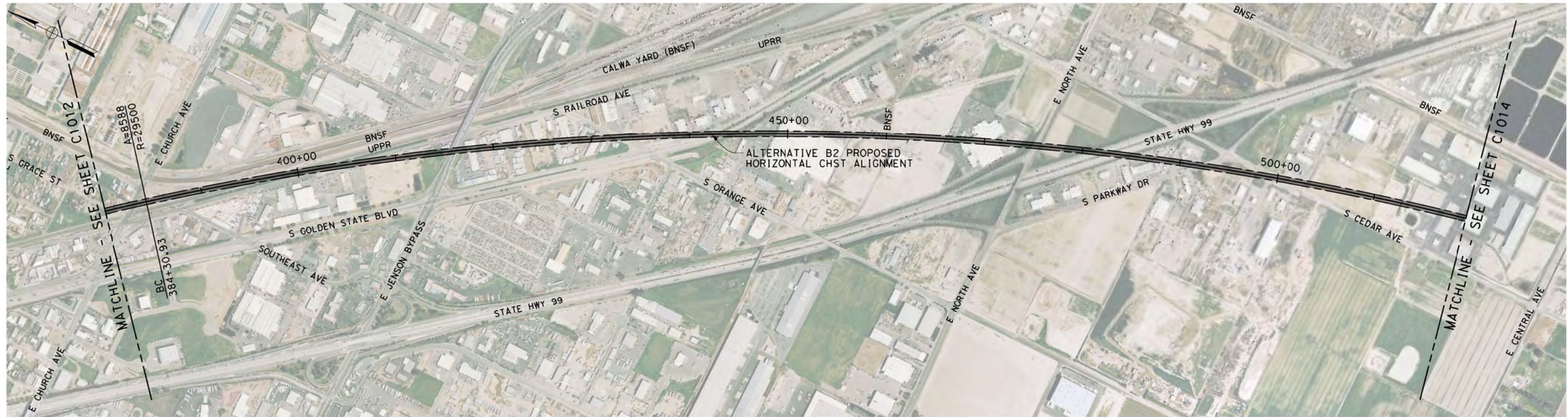
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DATE 01/29/10



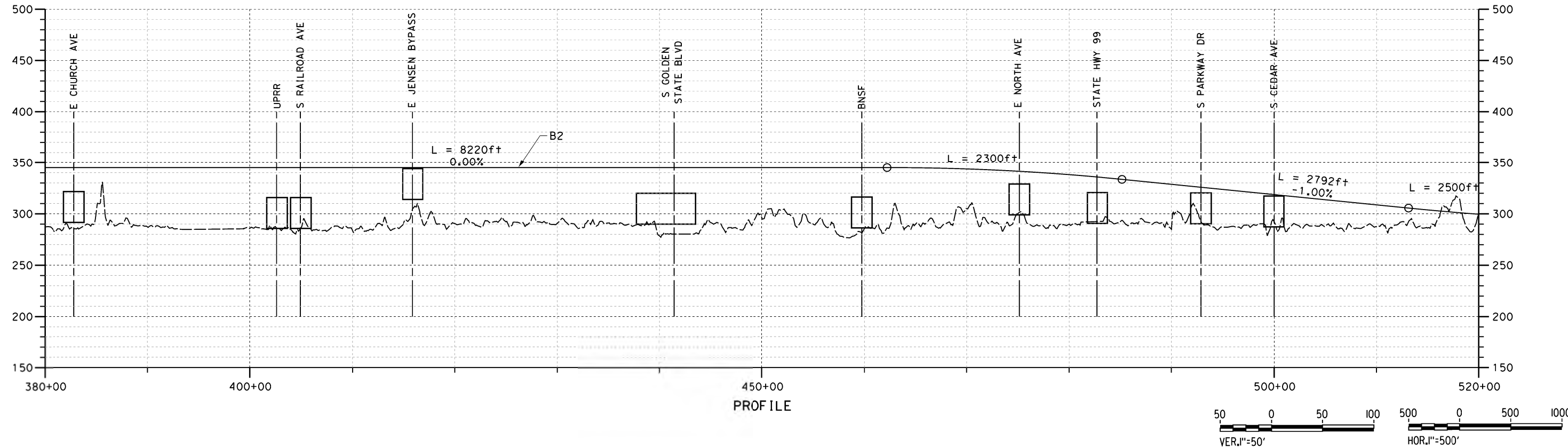
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FRESNO TO BAKERSFIELD
FRESNO ALIGNMENT STUDY
ALTERNATIVE B2
BNSF SOUTH OF DOWNTOWN, UPRR EAST
STA. 240+00 TO 380+00

CONTRACT NO. C-0-0000
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SHEET NO. 3 OF 6

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PROFILE

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DATE 01/29/10



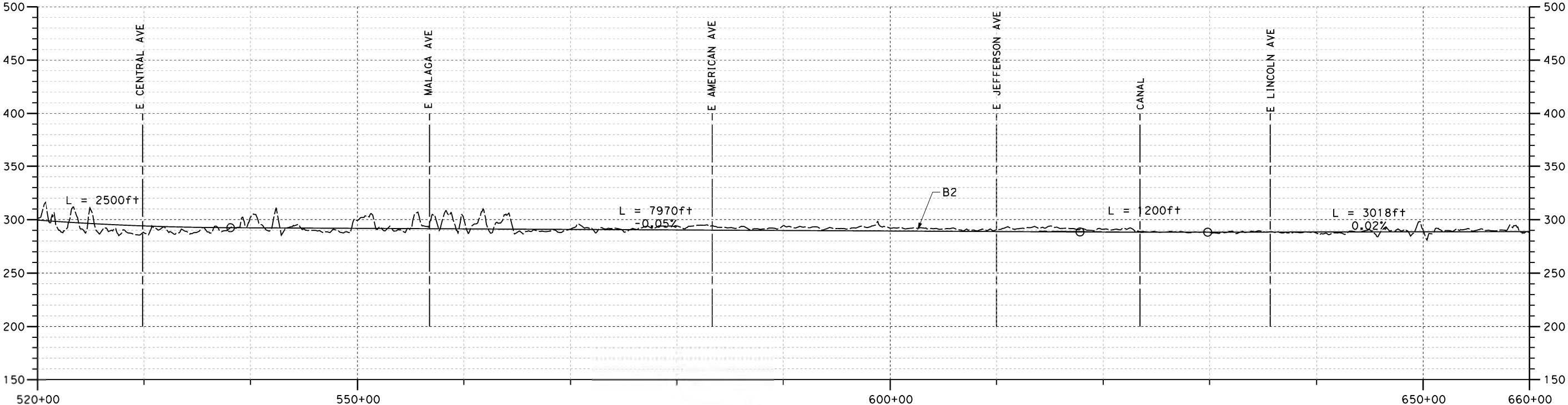
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
FRESNO ALIGNMENT STUDY
ALTERNATIVE B2
BNSF SOUTH OF DOWNTOWN, UPRR EAST
STA. 380+00 TO 520+00

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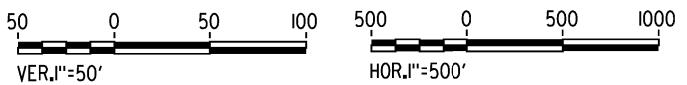
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PROFILE



REV	DATE	BY	CHK	APP	DESCRIPTION
A	01/29/10	KS	DH	RP	ALTERNATIVES ANALYSIS REPORT

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DATE 01/29/10



CALIFORNIA HIGH SPEED RAIL AUTHORITY

FLY CALIFORNIA

Without ever leaving the ground.

CALIFORNIA HIGH-SPEED TRAIN PROJECT

FRESNO TO BAKERSFIELD

FRESNO ALIGNMENT STUDY

ALTERNATIVE B2

BNSF SOUTH OF DOWNTOWN, UPRR EAST

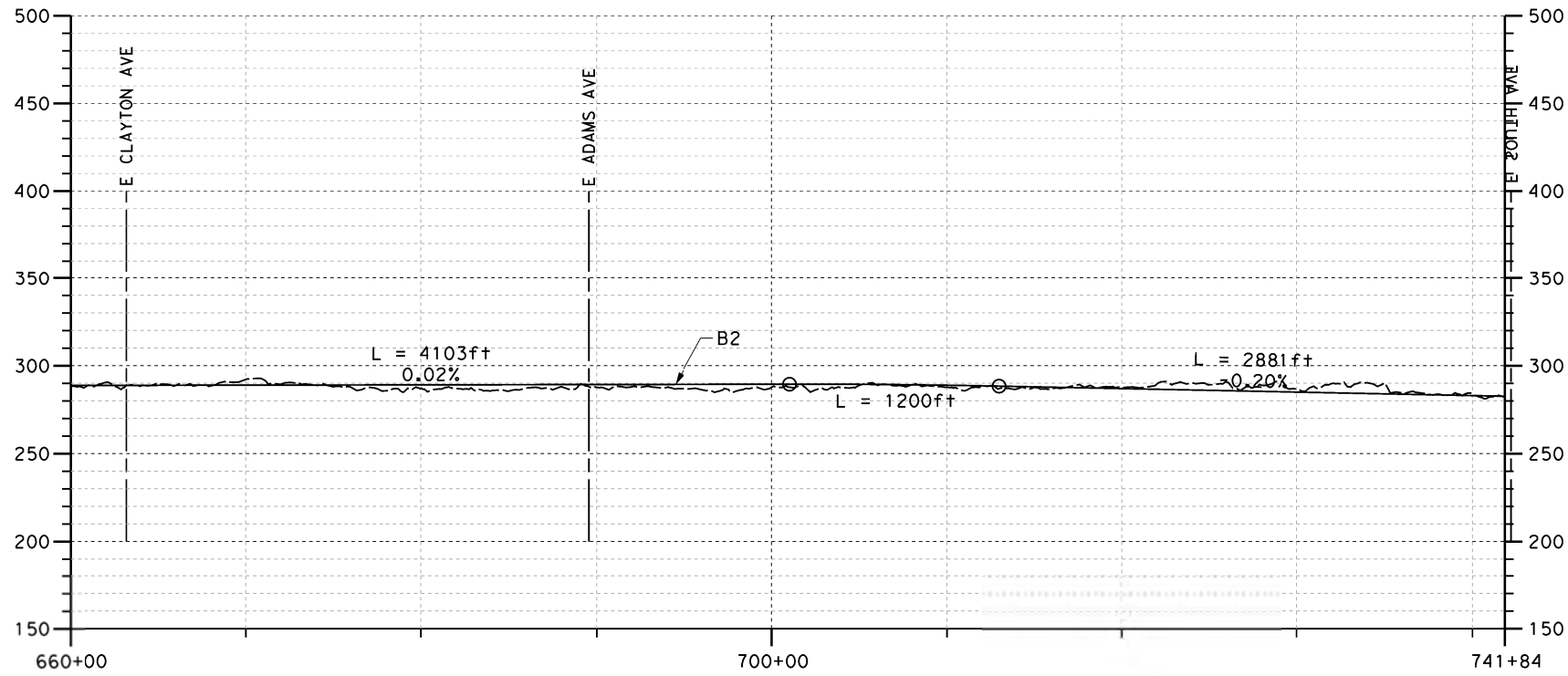
STA. 520+00 TO 660+00

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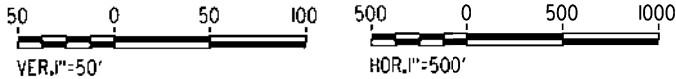
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PROFILE



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CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO ALIGNMENT STUDY
ALTERNATIVE B2
BNSF SOUTH OF DOWNTOWN, UPRR EAST
STA. 660+00 TO 742+35

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REV	DATE	BY	CHK	APP	DESCRIPTION

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DATE 01/29/10



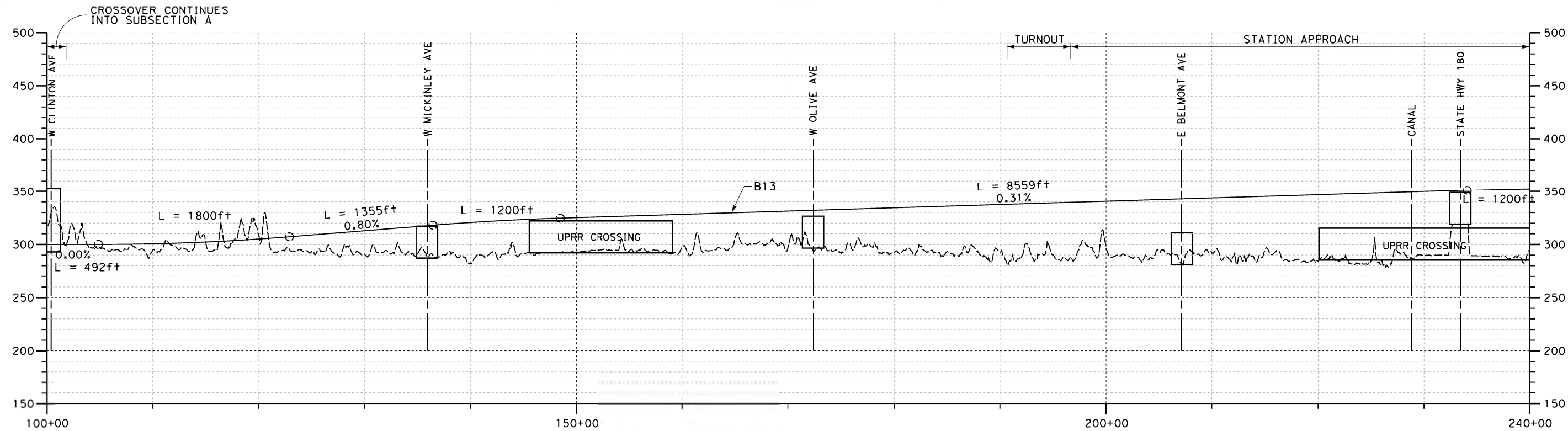
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FRESNO TO BAKERSFIELD
FRESNO ALIGNMENT STUDY
ALTERNATIVE B13 - BNSF SOUTH OF DOWNTOWN
UPRR WEST, EAST AT ROEDING PARK
KEY PLAN

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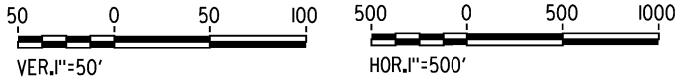
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PROFILE



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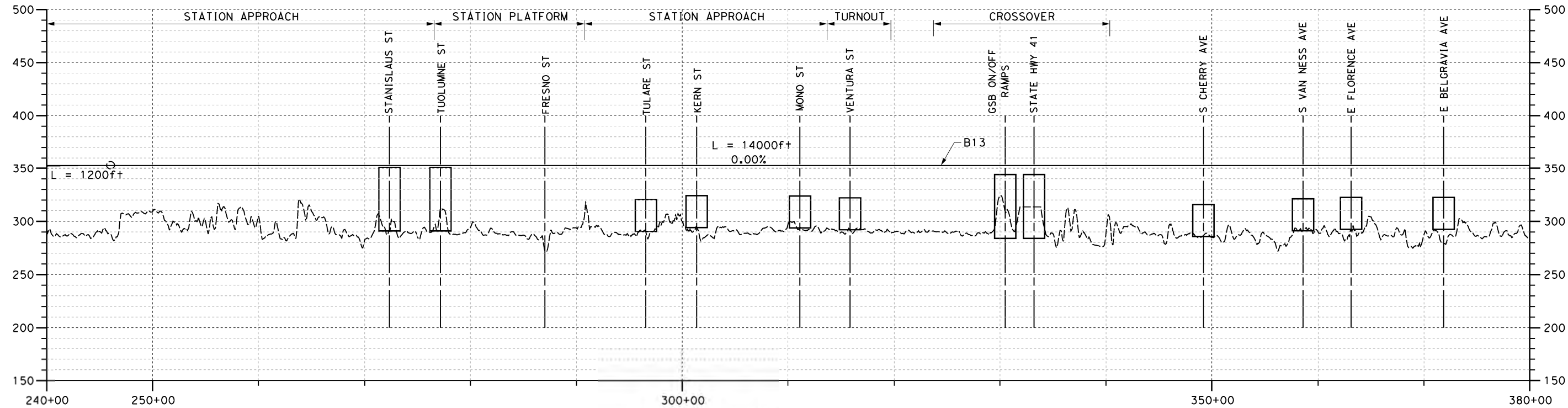
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FRESNO ALIGNMENT STUDY
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STA. 100+00 TO 240+00

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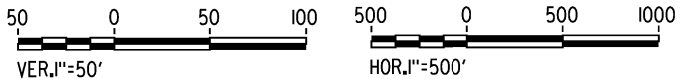
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PLAN



PROFILE



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A	01/29/10	KS	DH	RP	ALTERNATIVES ANALYSIS REPORT

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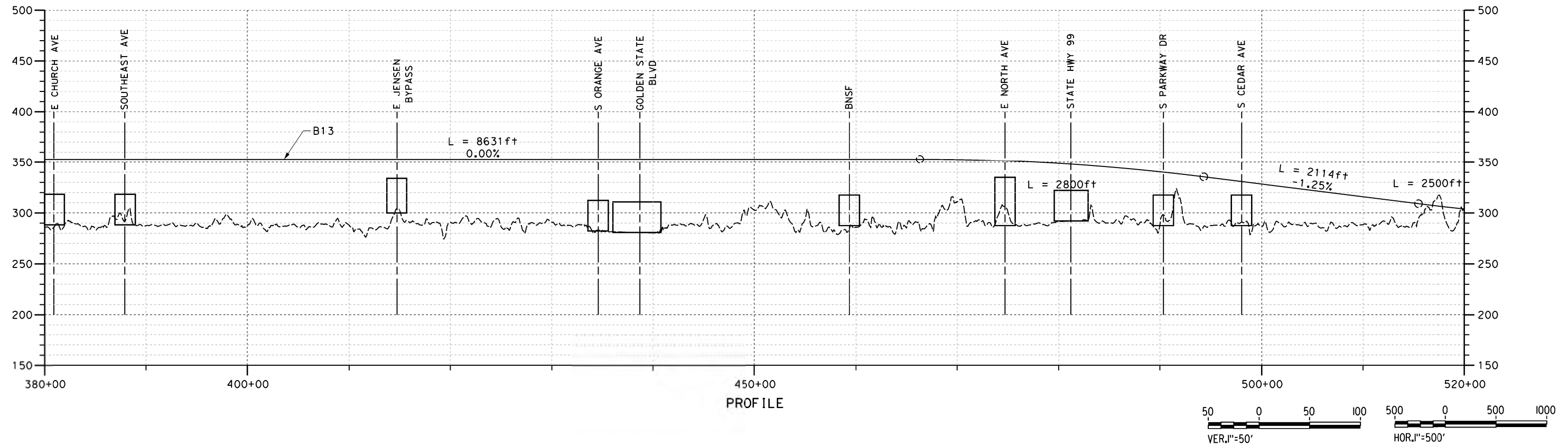
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FRESNO TO BAKERSFIELD**
FRESNO ALIGNMENT STUDY
ALTERNATIVE B13 - BNSF SOUTH OF DOWNTOWN
UPRR WEST, EAST AT ROEDING PARK
STA. 240+00 TO 380+00

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PLAN



PROFILE

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REV	DATE	BY	CHK	APP	DESCRIPTION

ALTERNATIVES ANALYSIS REPORT

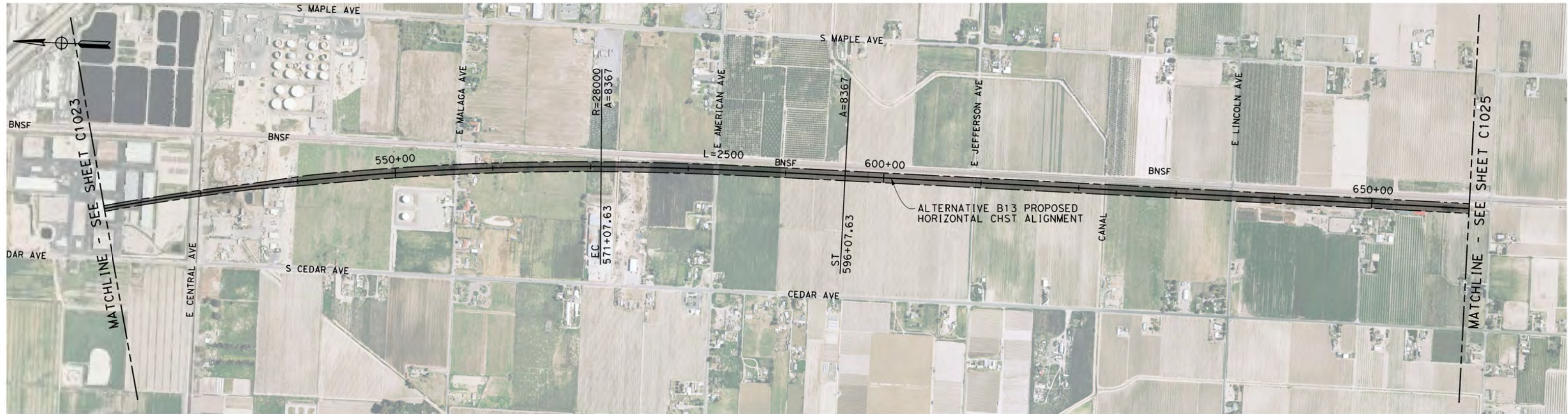
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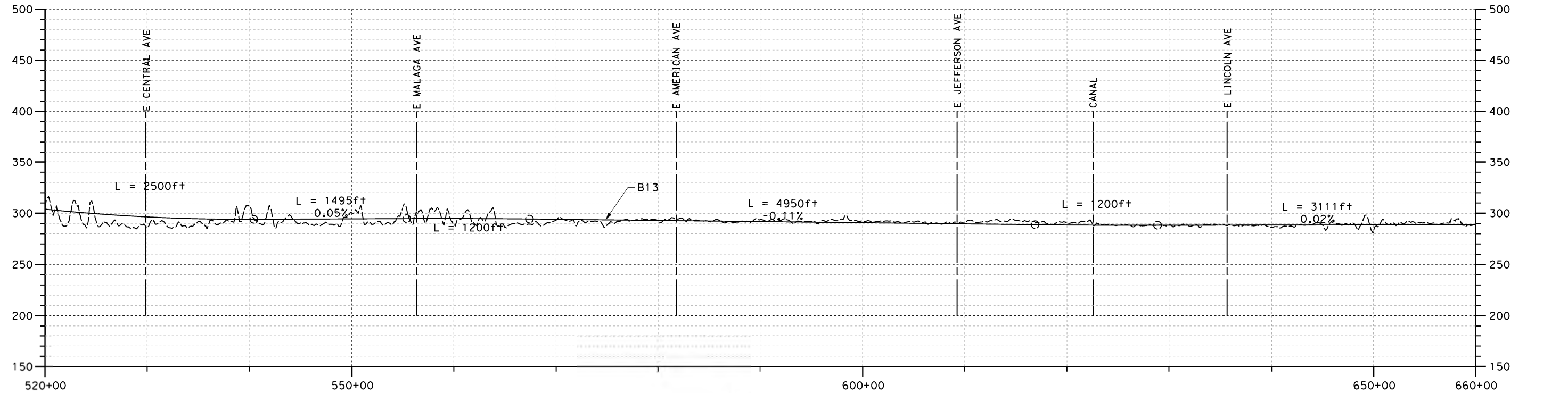
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
FRESNO ALIGNMENT STUDY
ALTERNATIVE B13 - BNSF SOUTH OF DOWNTOWN
UPRR WEST, EAST AT ROEDING PARK
STA. 380+00 TO 520+00

CONTRACT NO. C-0-0000
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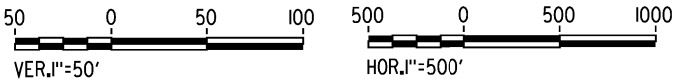
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PLAN



PROFILE



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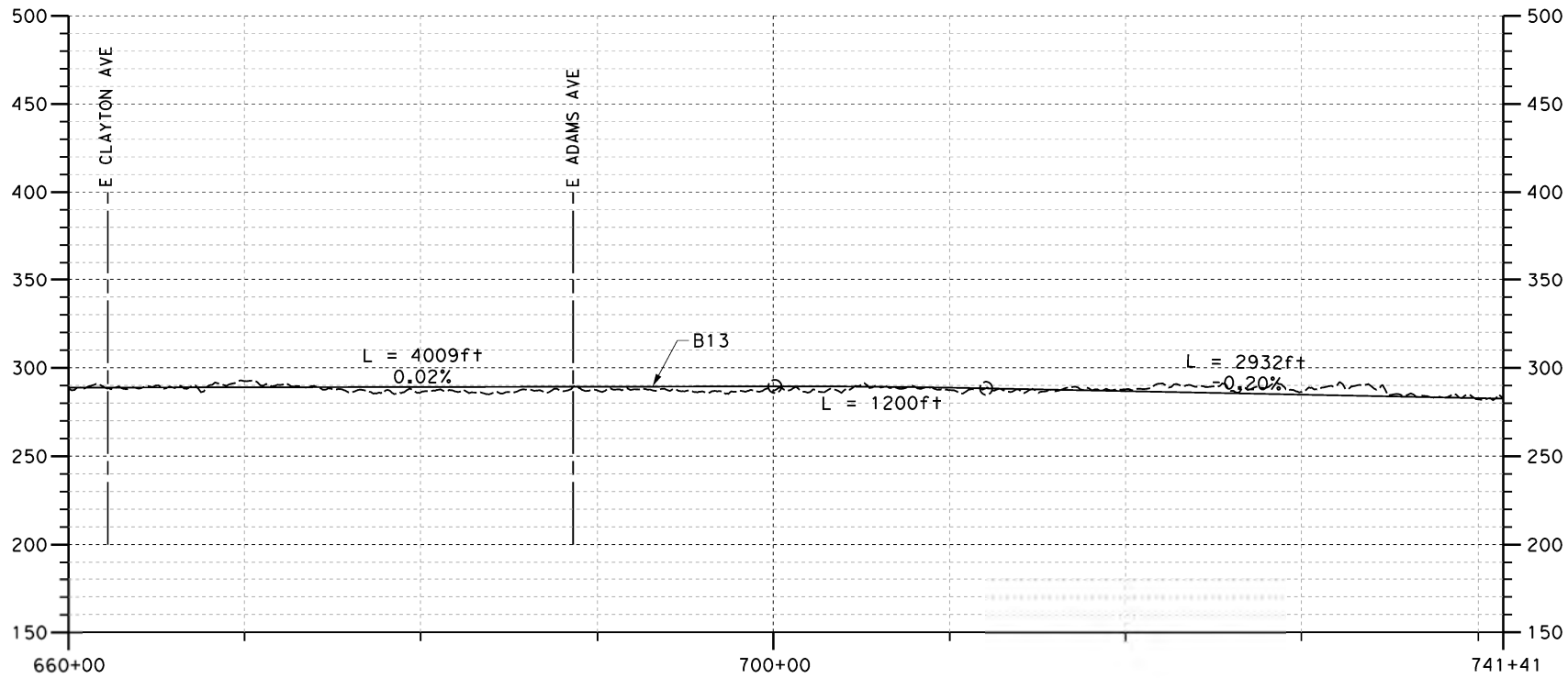
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FRESNO TO BAKERSFIELD**
FRESNO ALIGNMENT STUDY
ALTERNATIVE B13 - BNSF SOUTH OF DOWNTOWN
UPRR WEST, EAST A ROEDING PARK
STA. 520+00 TO 660+00

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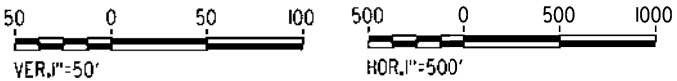
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PLAN



PROFILE



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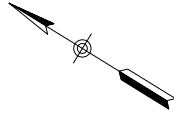
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IN CHARGE R. PRUST
DATE 01/29/10



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
FRESNO ALIGNMENT STUDY
ALTERNATIVE B13 - BNSF SOUTH OF DOWNTOWN
UPPR WEST, EAST AT ROEDING PARK
STA. 660+00 TO 741+41

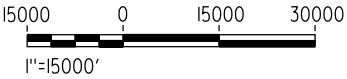
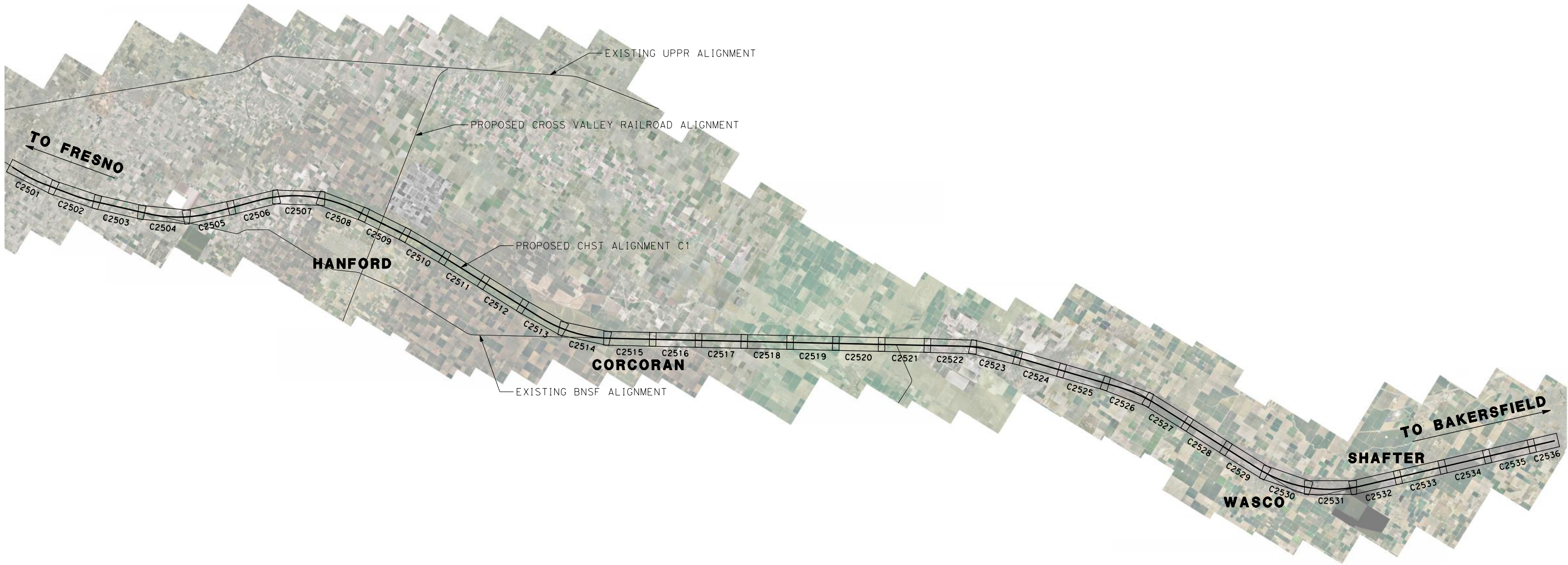
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LEGEND

- PROPOSED CHST ALIGNMENT
- EXISTING TRACKS



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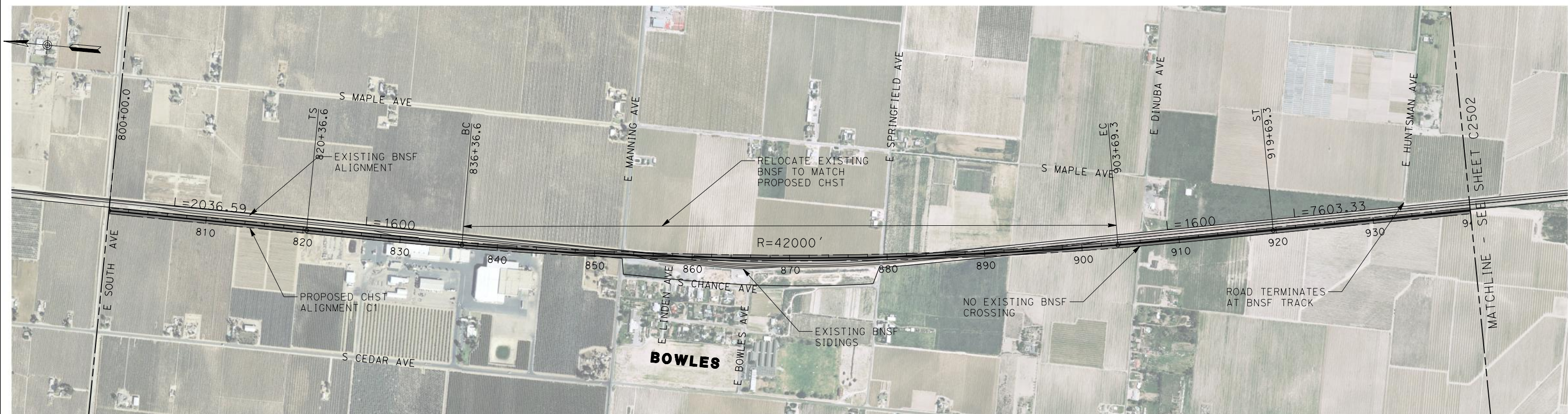
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
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DATE 01/29/10



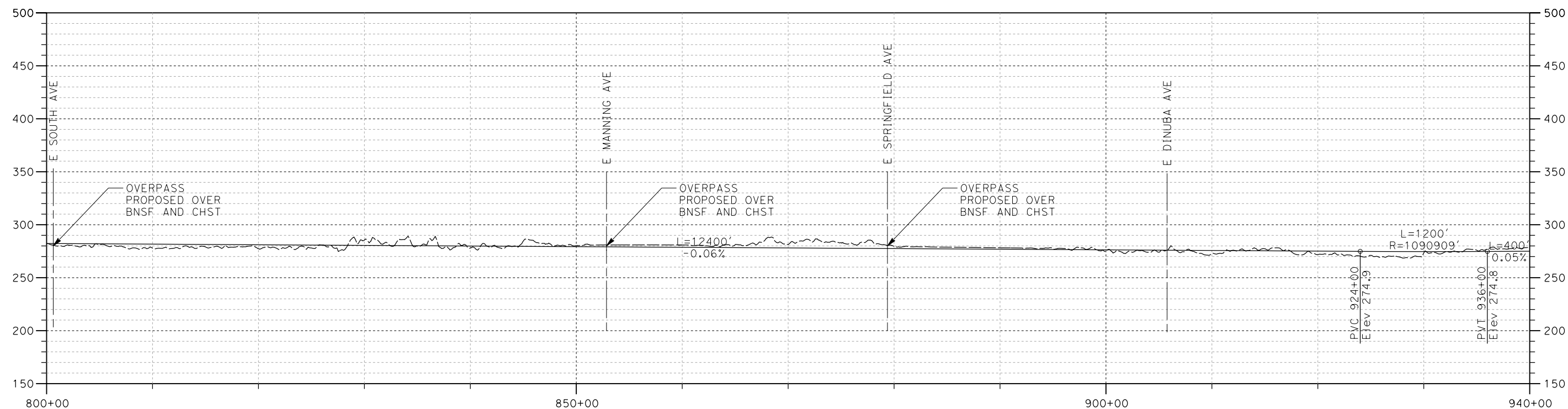
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INSIDE BNSF RAILWAY RIGHT OF WAY
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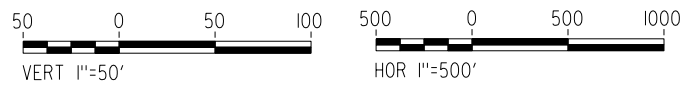
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IN CHARGE J. LIPSCOMB
DATE 01/29/10



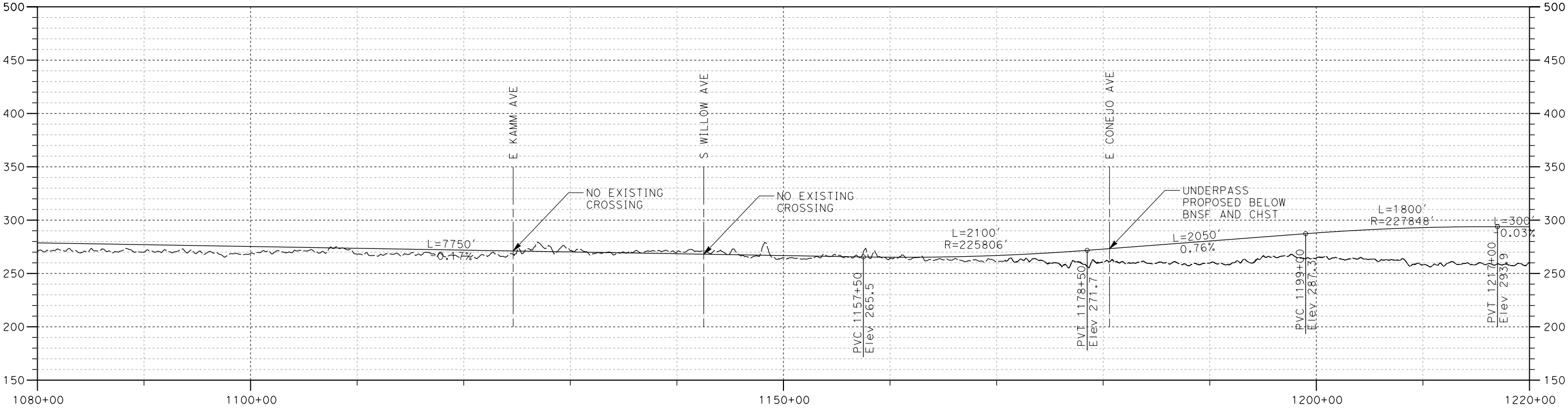
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CONTRACT NO. C-0-0000
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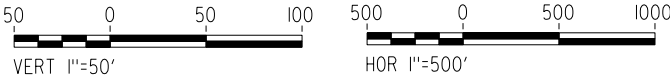
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REV	DATE	BY	CHK	APP	DESCRIPTION

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CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



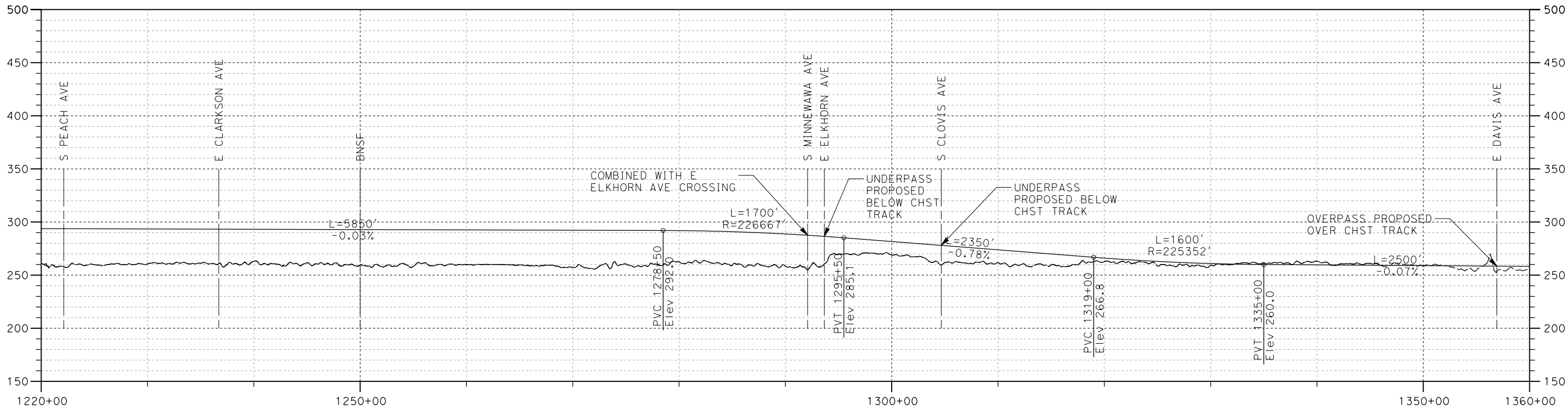
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CONTRACT NO. C-0-0000
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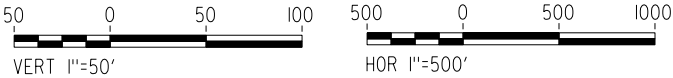
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CHECKED BY J. LIPSCOMB
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DATE 01/29/10



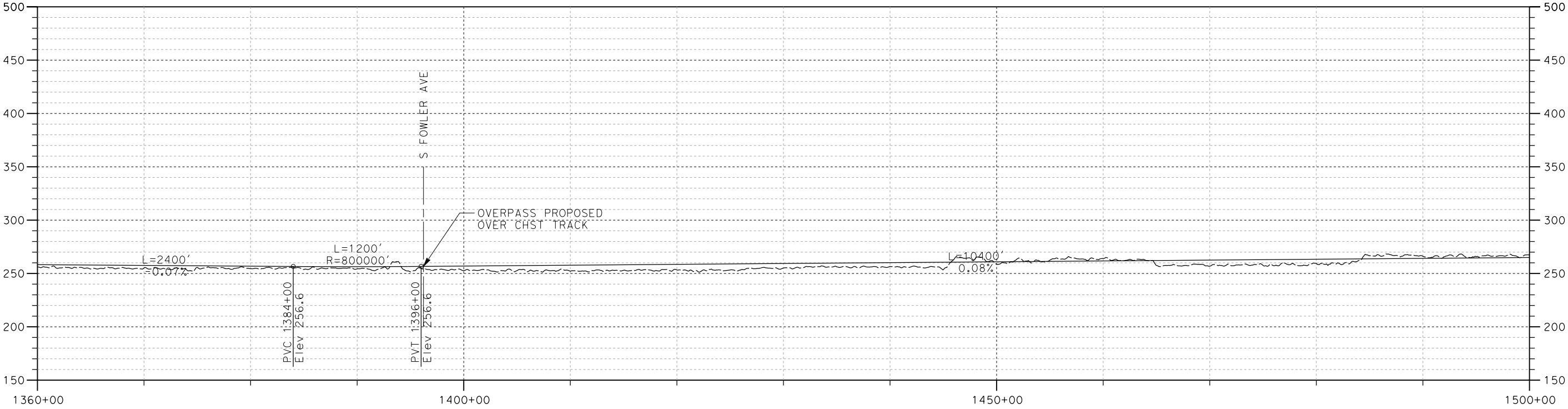
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PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

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DATE 01/29/10



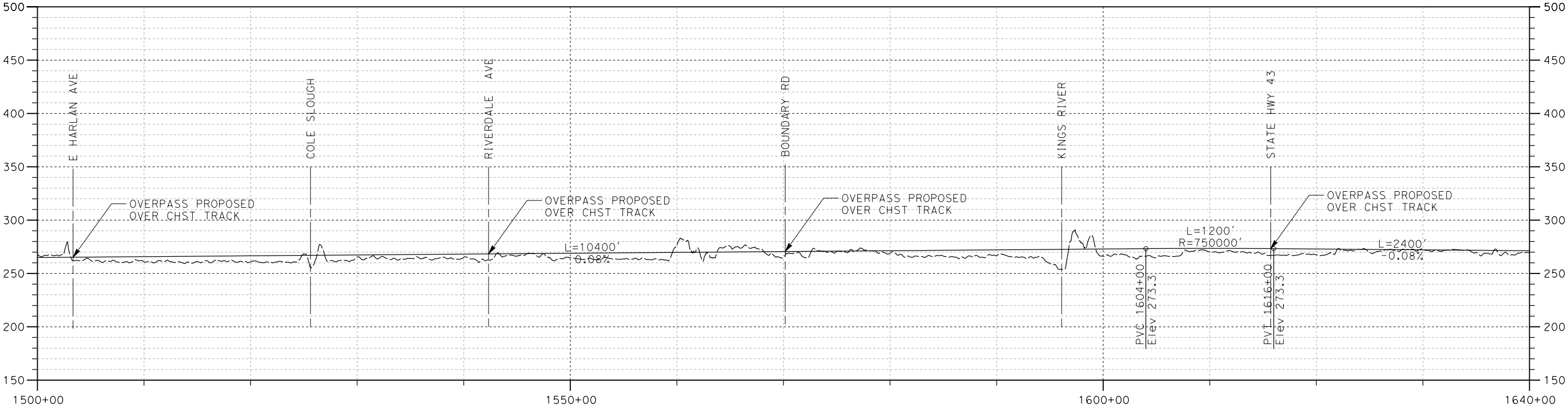
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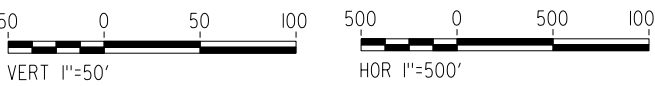
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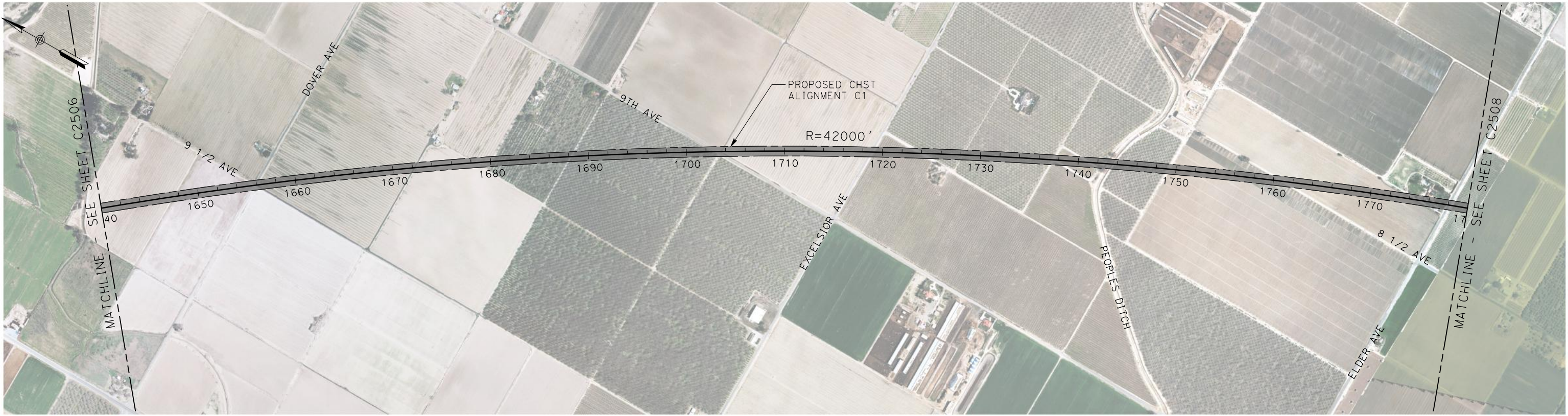
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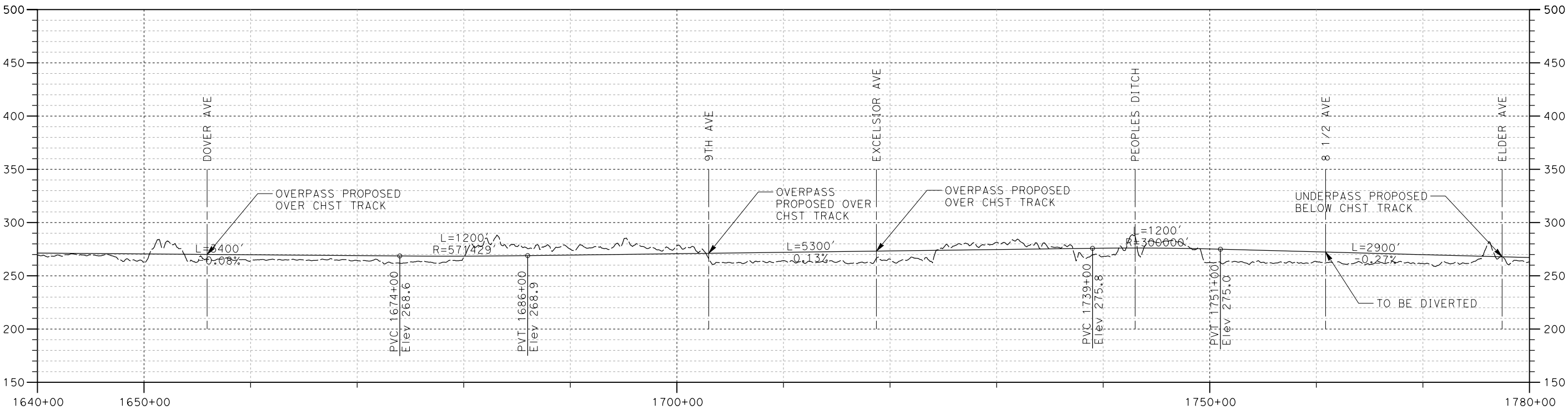
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CONTRACT NO. C-0-0000
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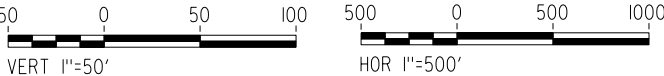
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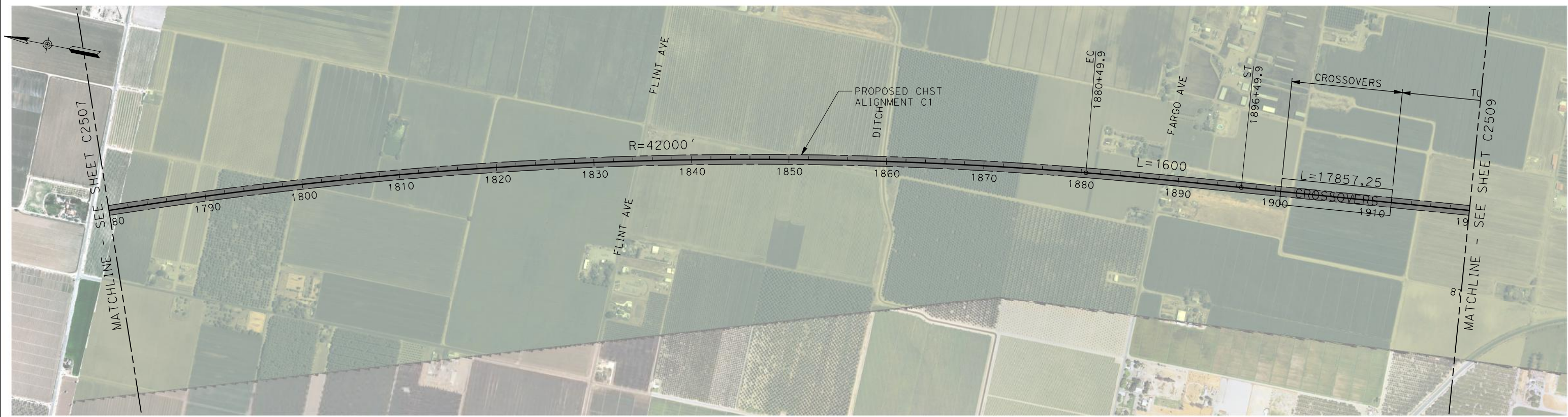
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DATE 01/29/10



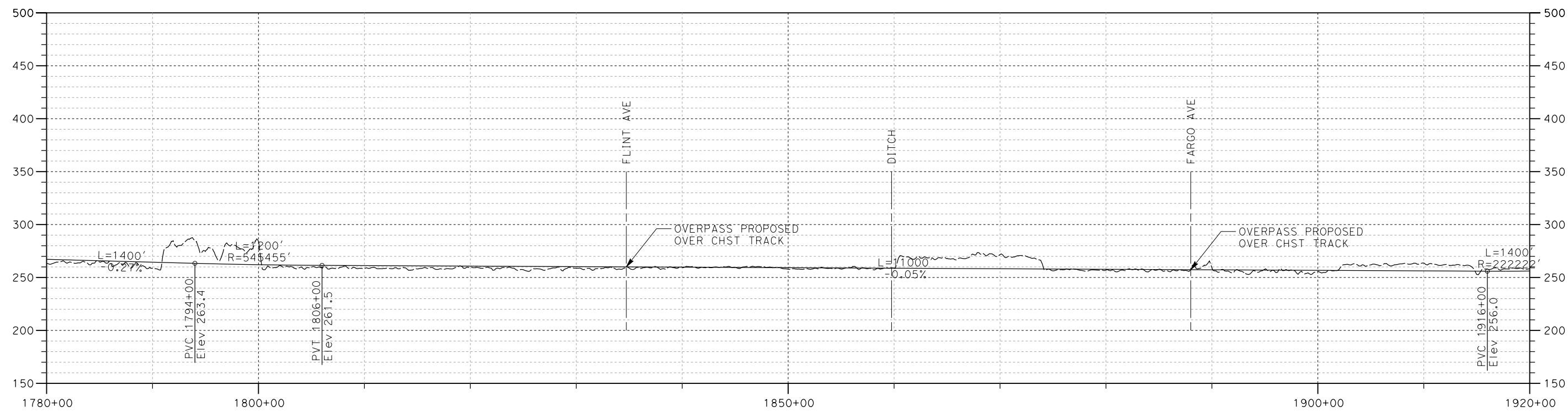
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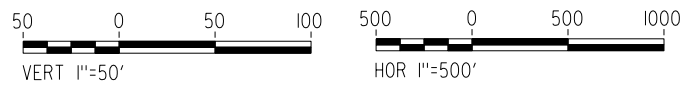
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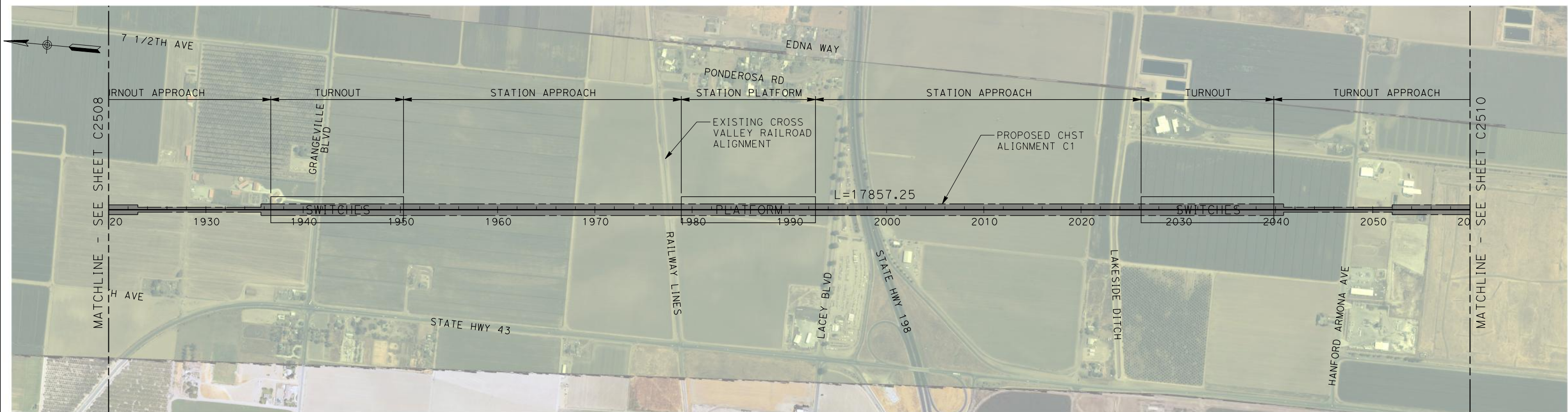
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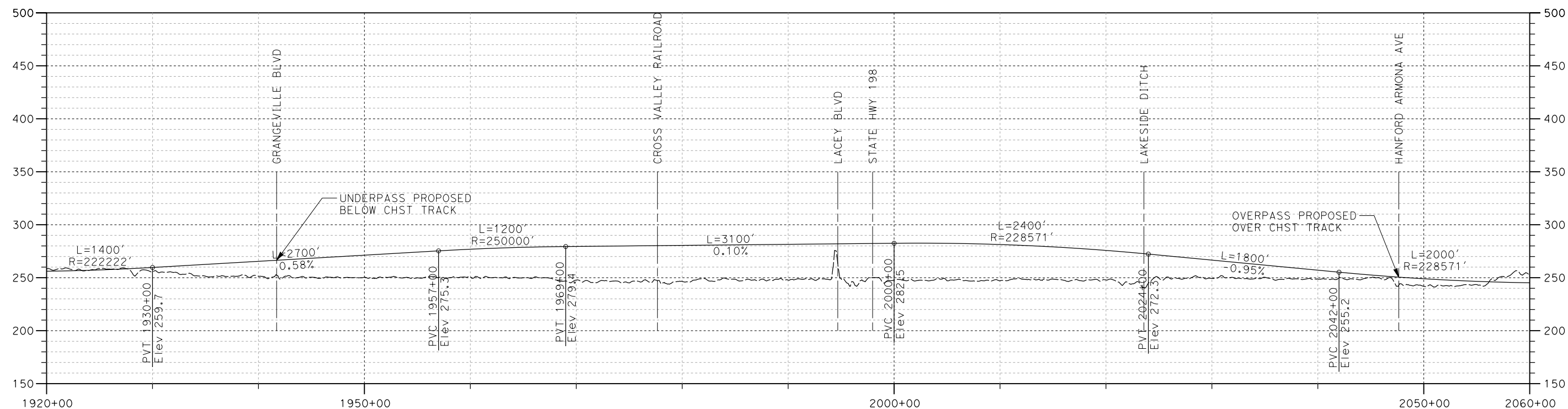
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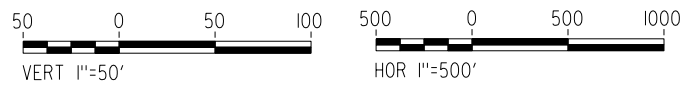
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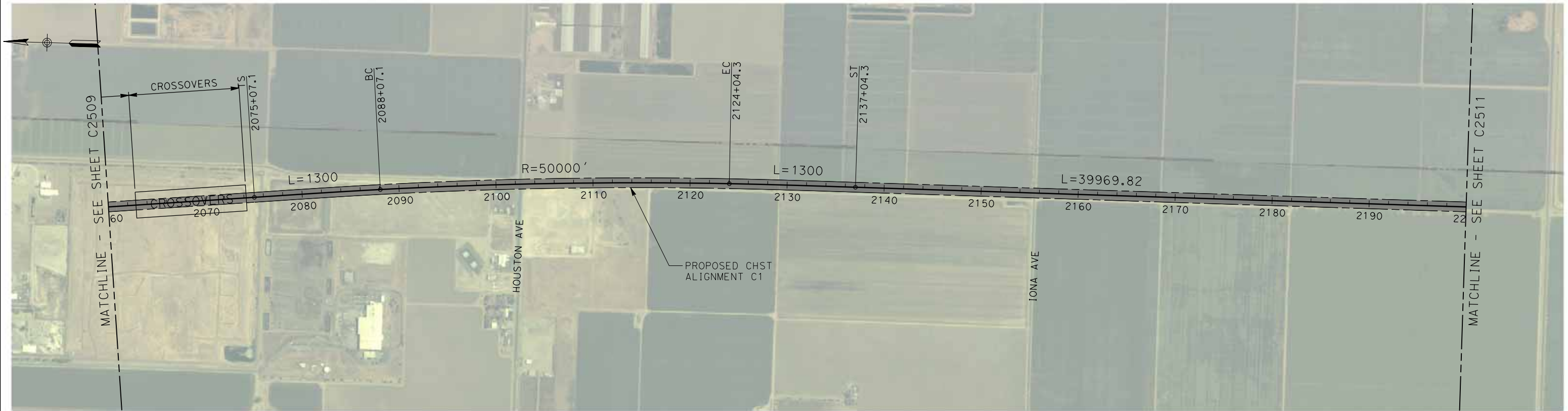
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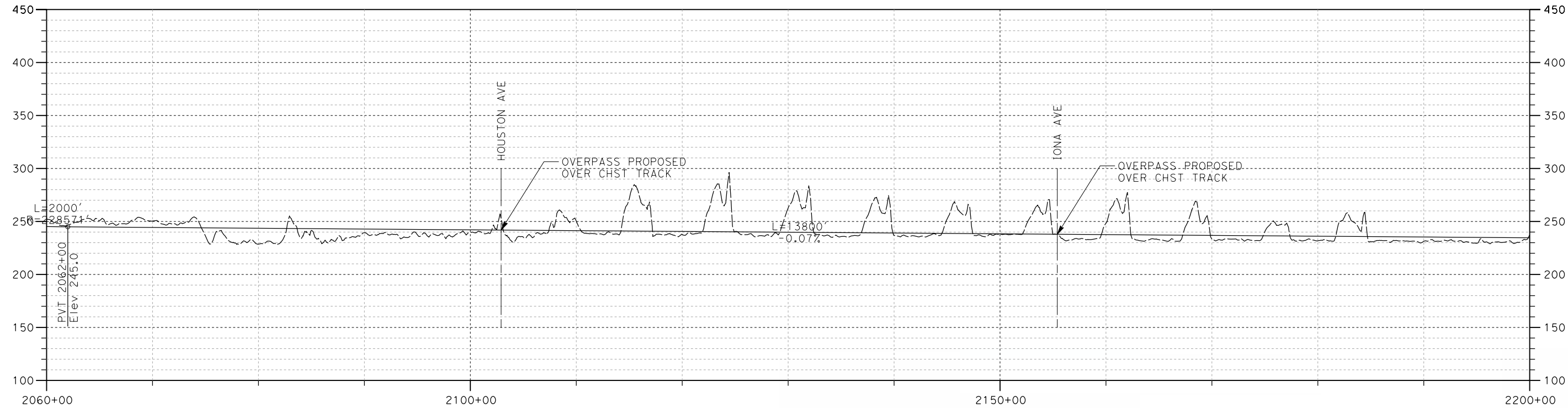
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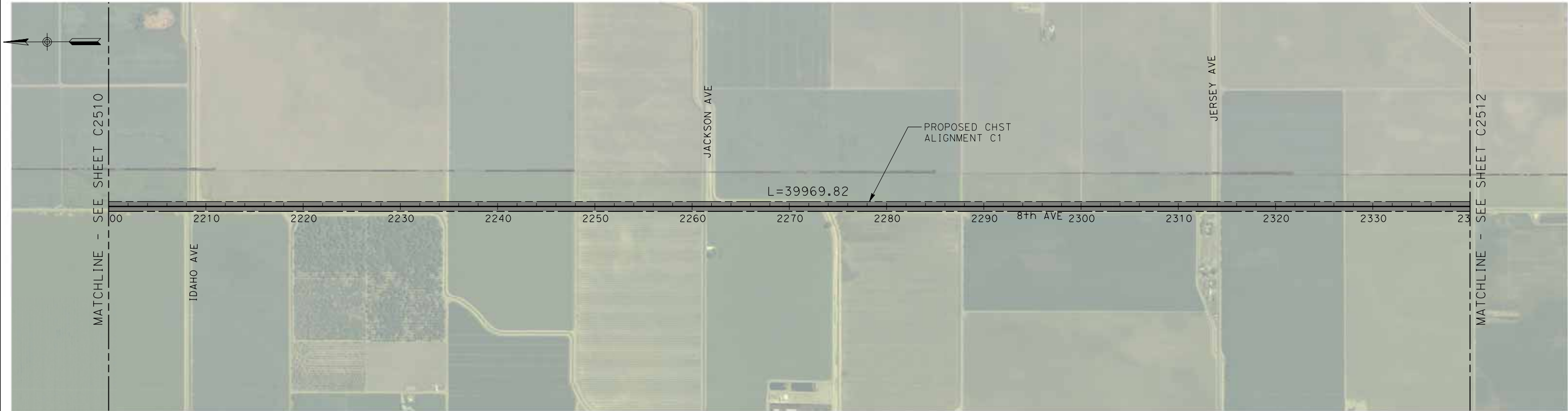
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



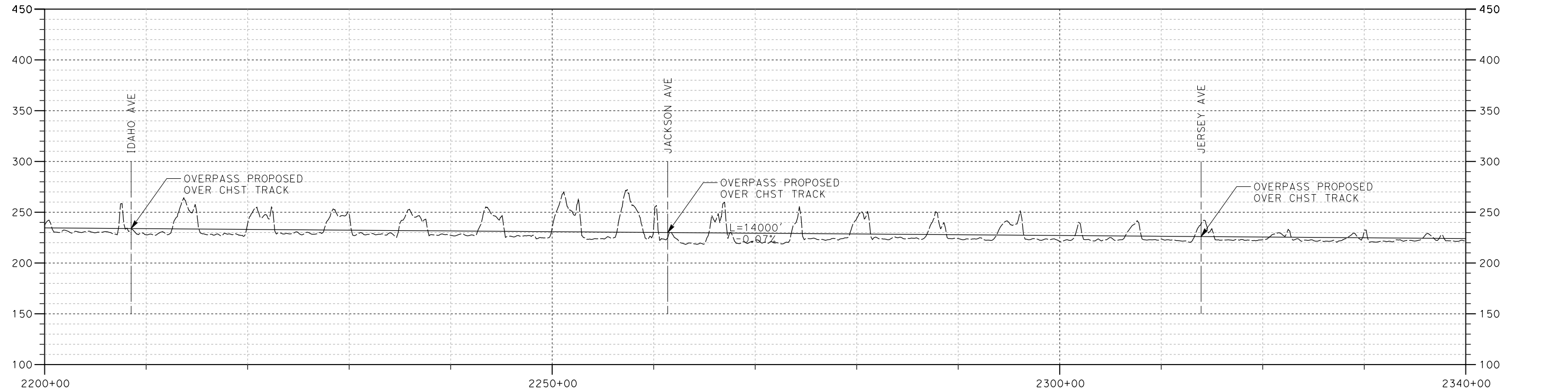
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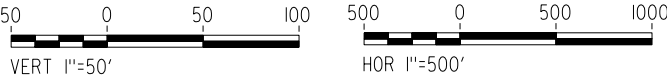
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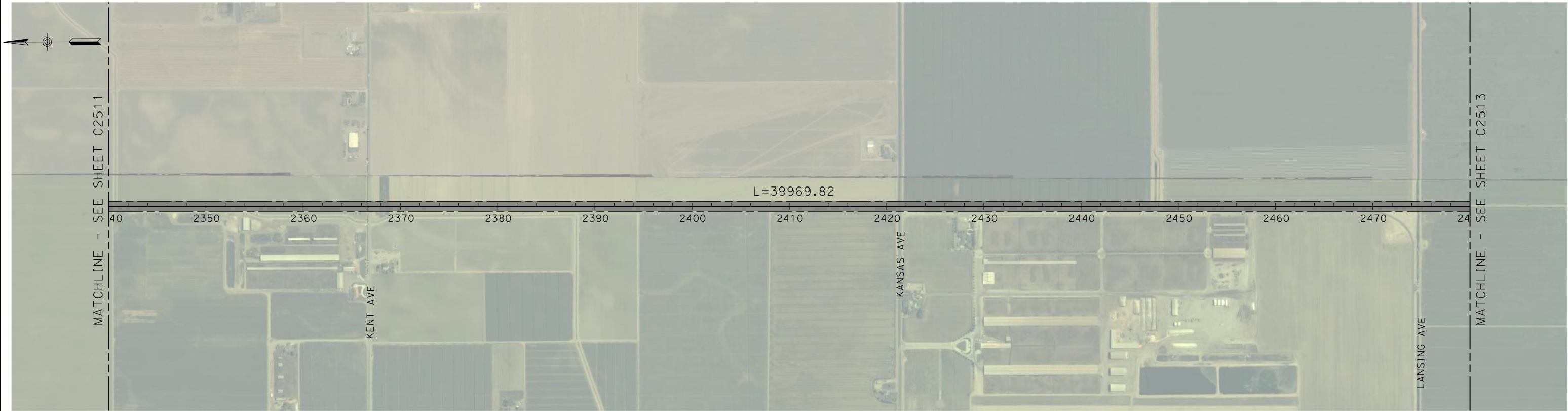
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DATE 01/29/10



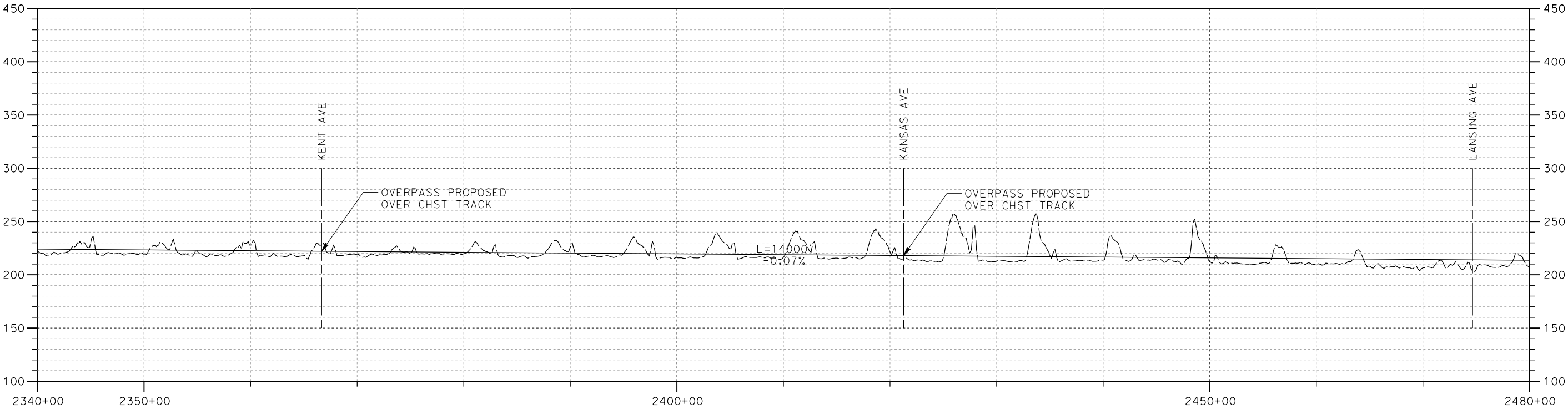
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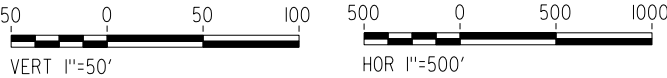
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IN CHARGE J. LIPSCOMB
DATE 01/29/10



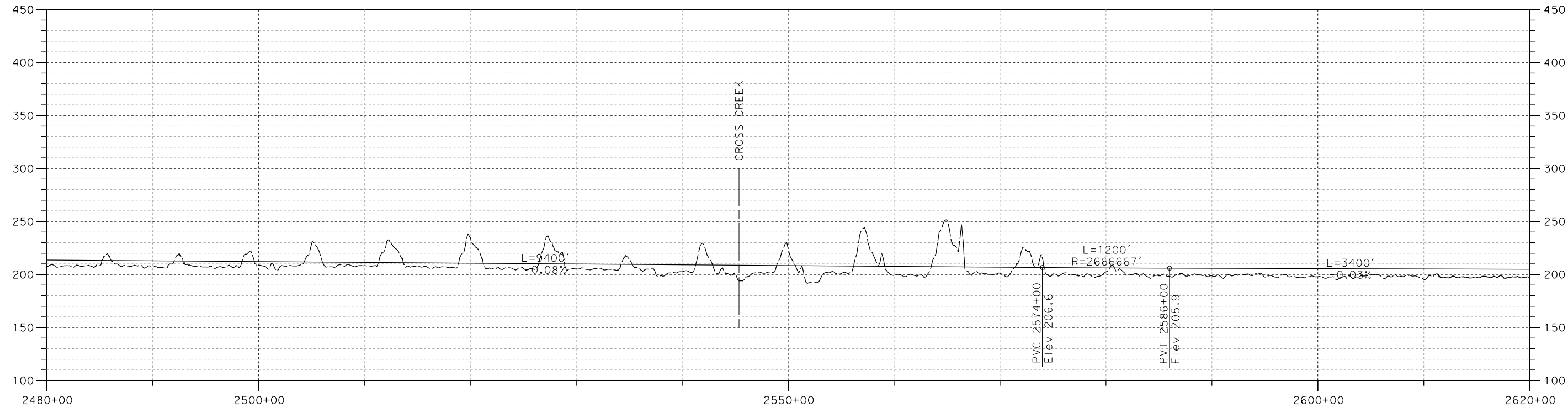
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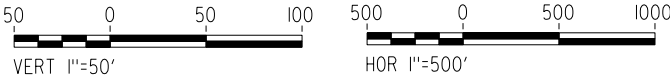
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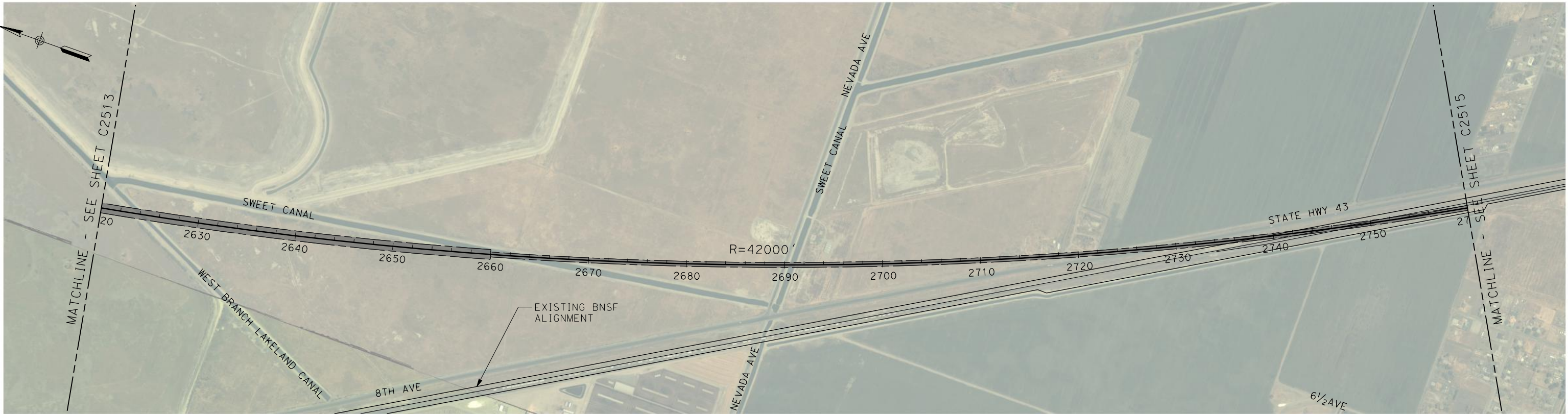
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DATE 01/29/10



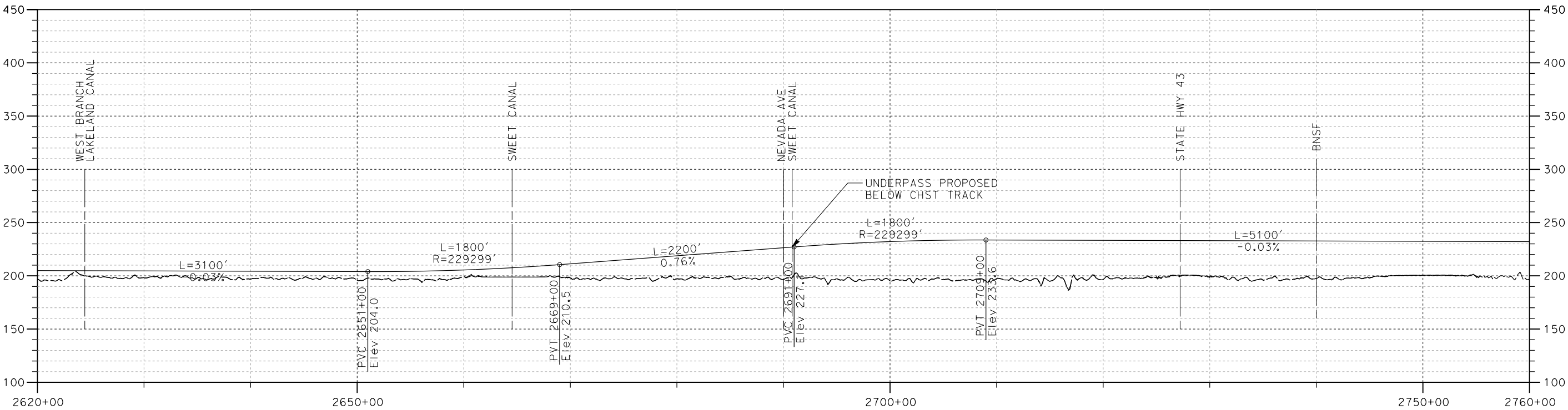
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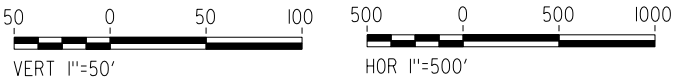
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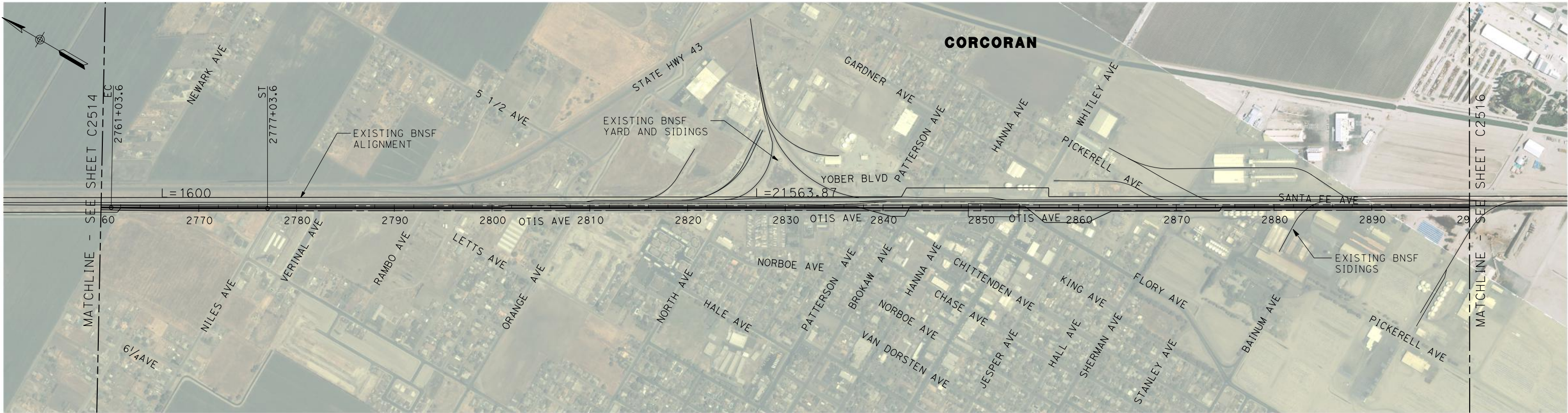
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DATE 01/29/10



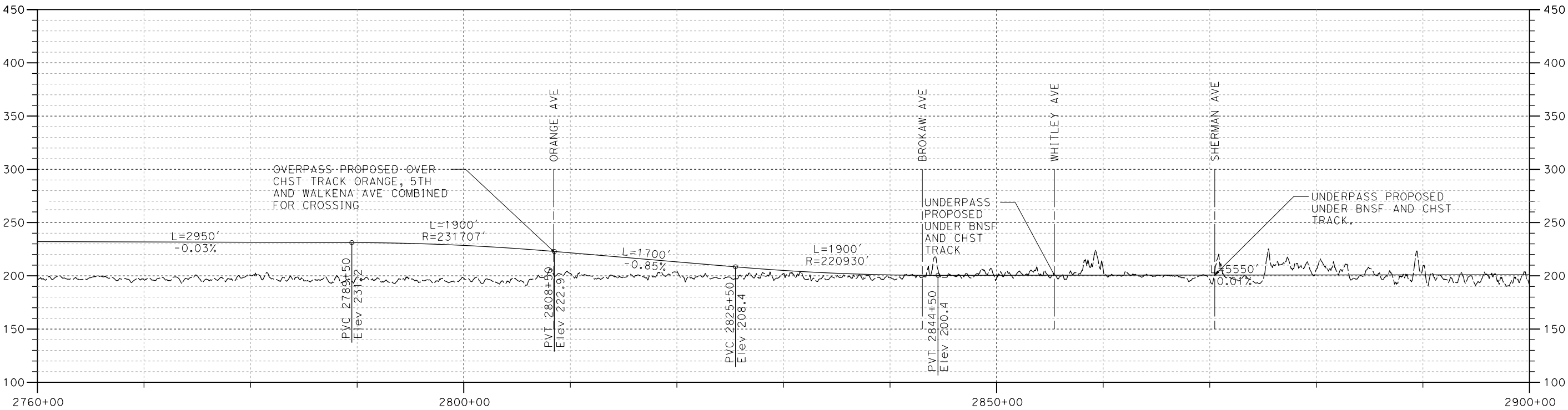
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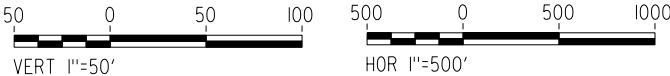
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IN CHARGE J. LIPSCOMB
DATE 01/29/10



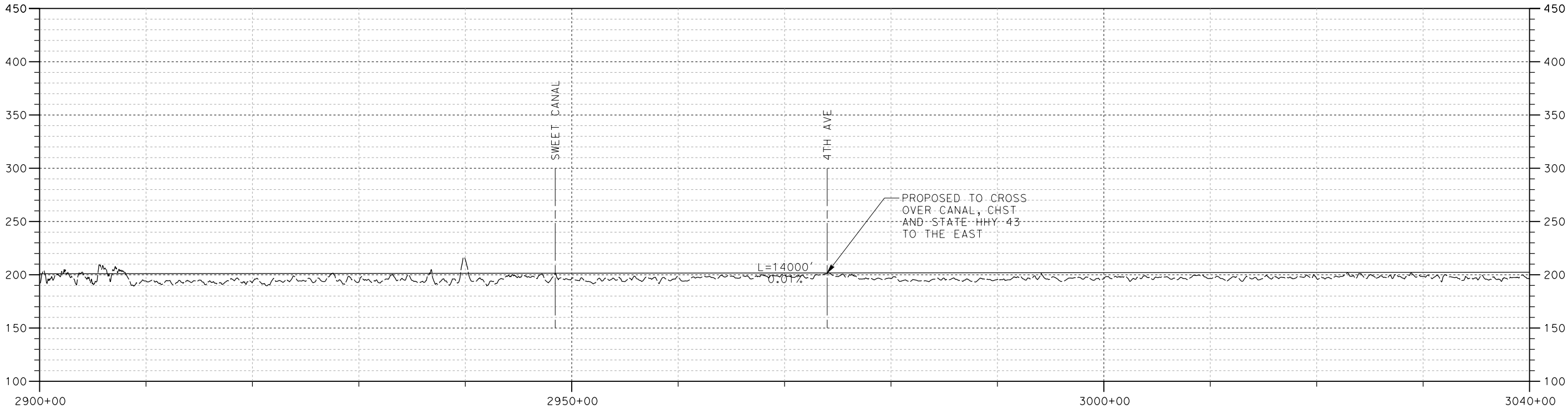
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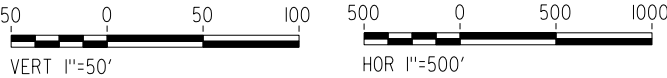
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PLAN



PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

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CHECKED BY J. LIPSCOMB
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DATE 01/29/10



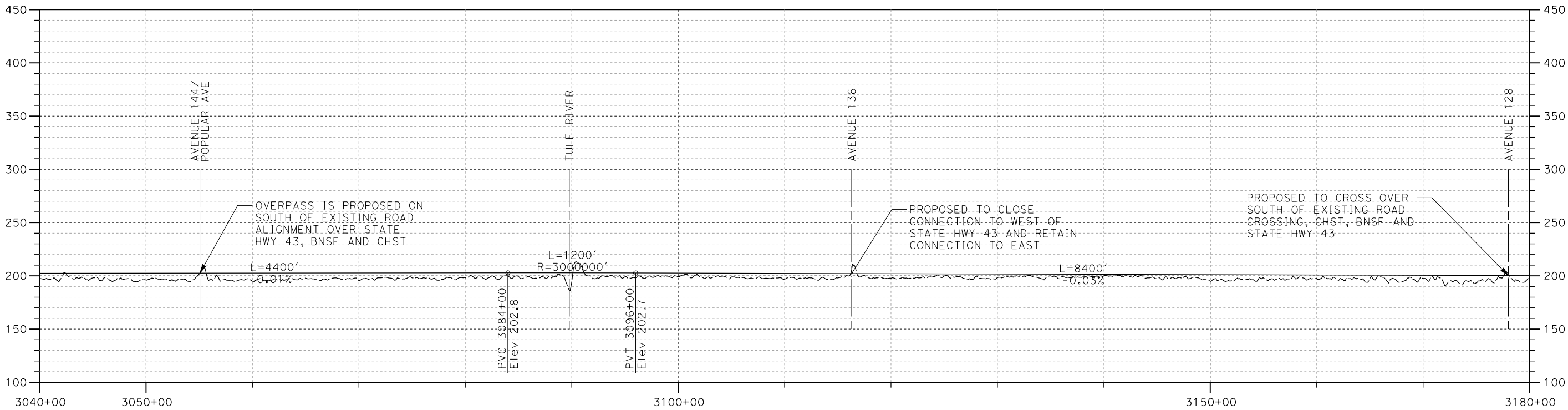
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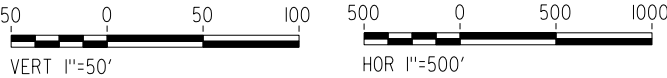
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alan.dean



PLAN



PROFILE



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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



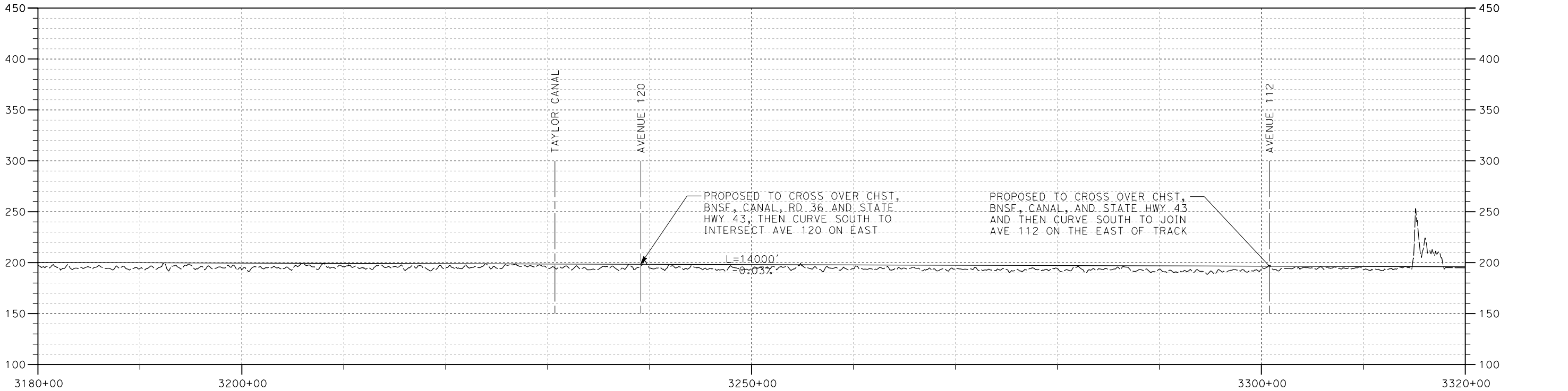
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ALIGNMENT C1
CH. 3040+00 TO 3180+00

CONTRACT NO. C-0-0000
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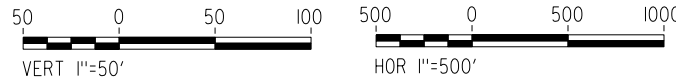
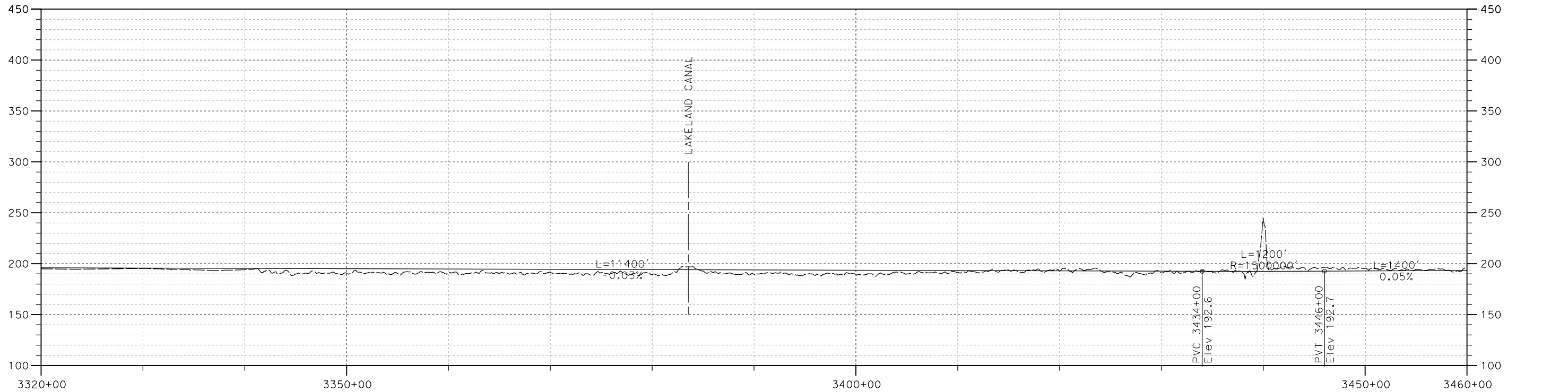
DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 3180+00 TO 3320+00

CONTRACT NO. C-0-0000
DRAWING NO. C2518
SCALE AS SHOWN
SHEET NO. 19 OF 37

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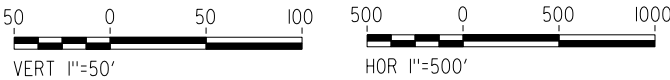
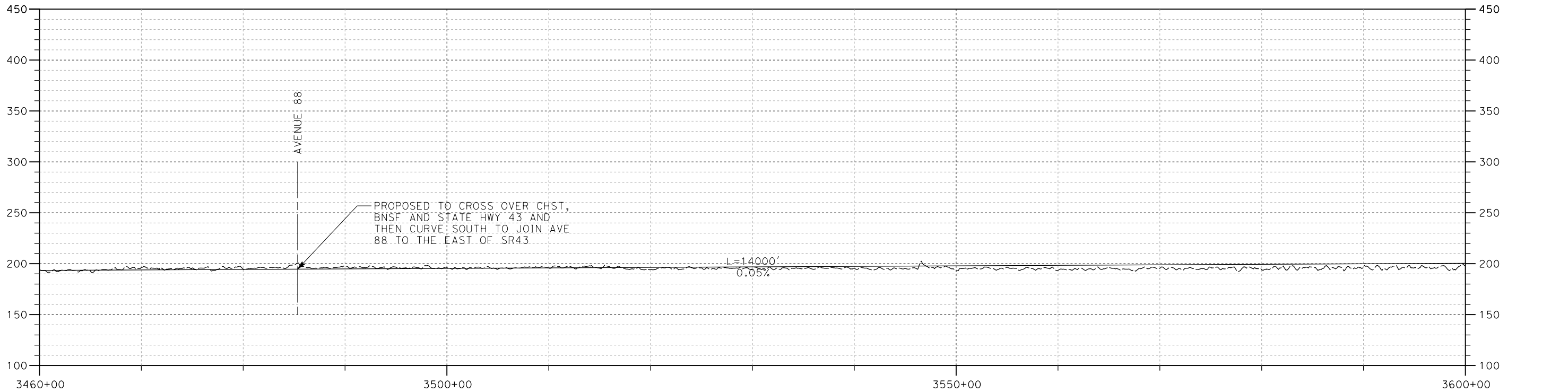
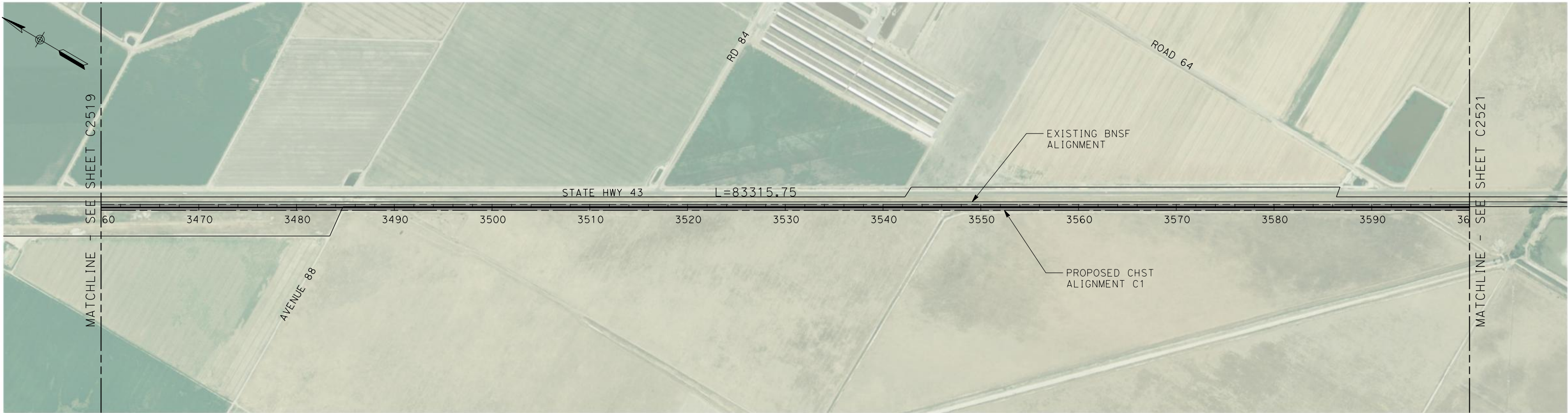
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 3320+00 TO 3460+00

CONTRACT NO. C-0-0000
DRAWING NO. C2519
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SHEET NO. 20 OF 37

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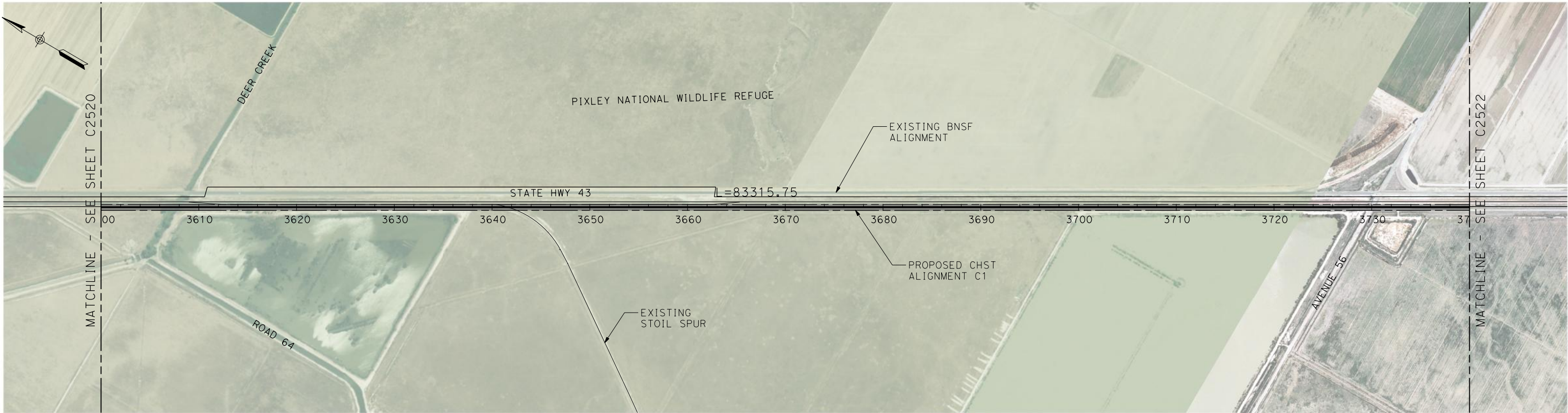
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



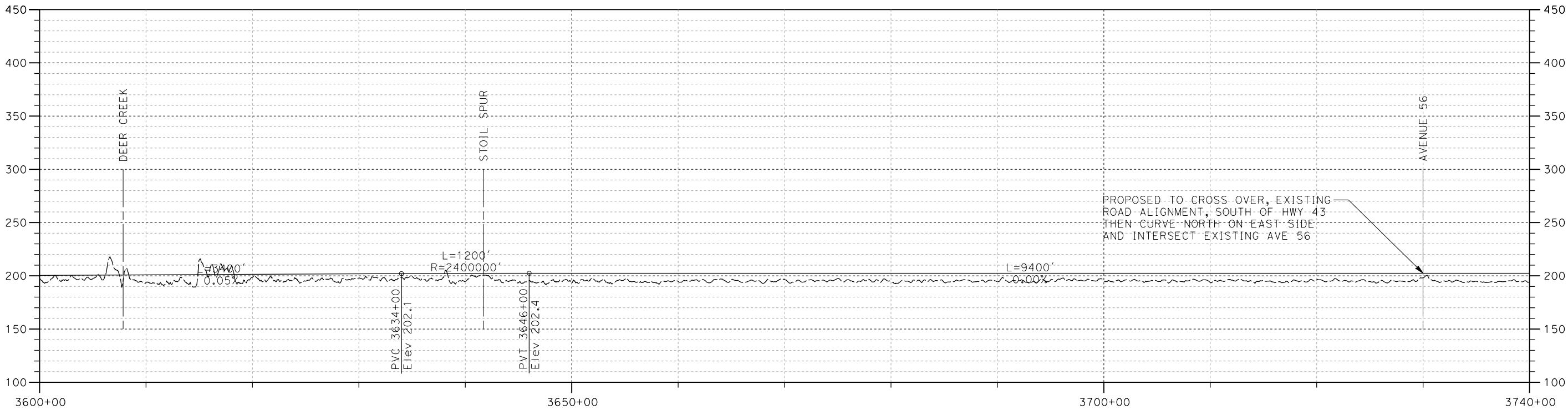
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 FRESNO TO BAKERSFIELD RURAL SUBSECTION
 INSIDE BNSF RAILWAY RIGHT OF WAY
 ALIGNMENT C1
 CH. 3460+00 TO 3600+00

CONTRACT NO. C-0-0000
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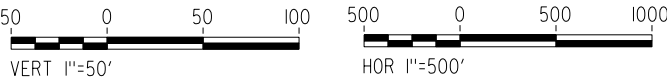
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IN CHARGE J. LIPSCOMB
DATE 01/29/10



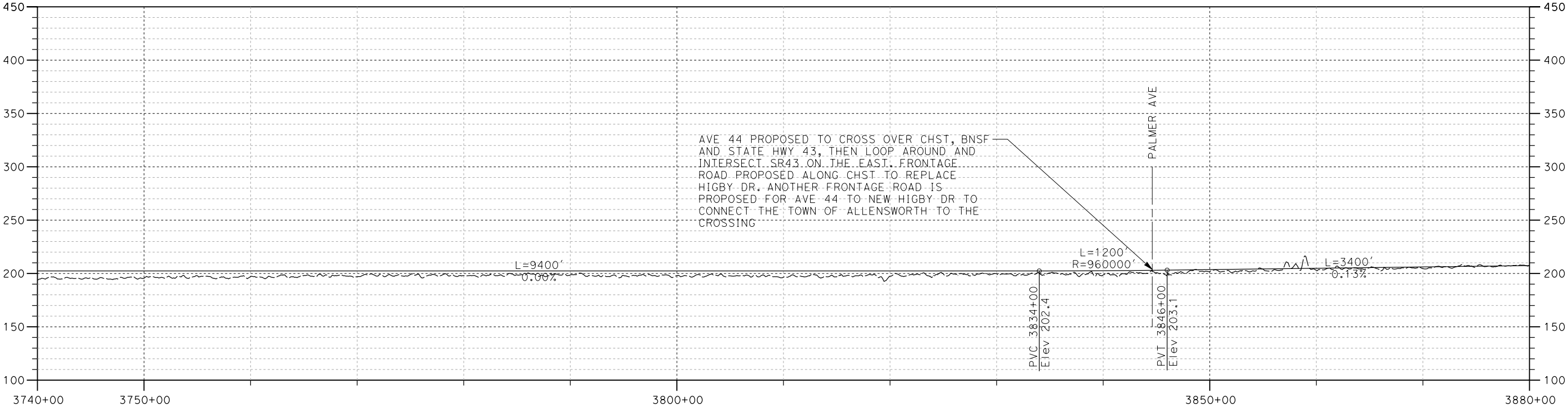
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CH. 3600+00 TO 3740+00

CONTRACT NO. C-0-0000
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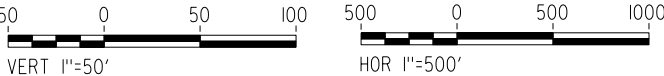
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REV	DATE	BY	CHK	APP	DESCRIPTION				

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CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



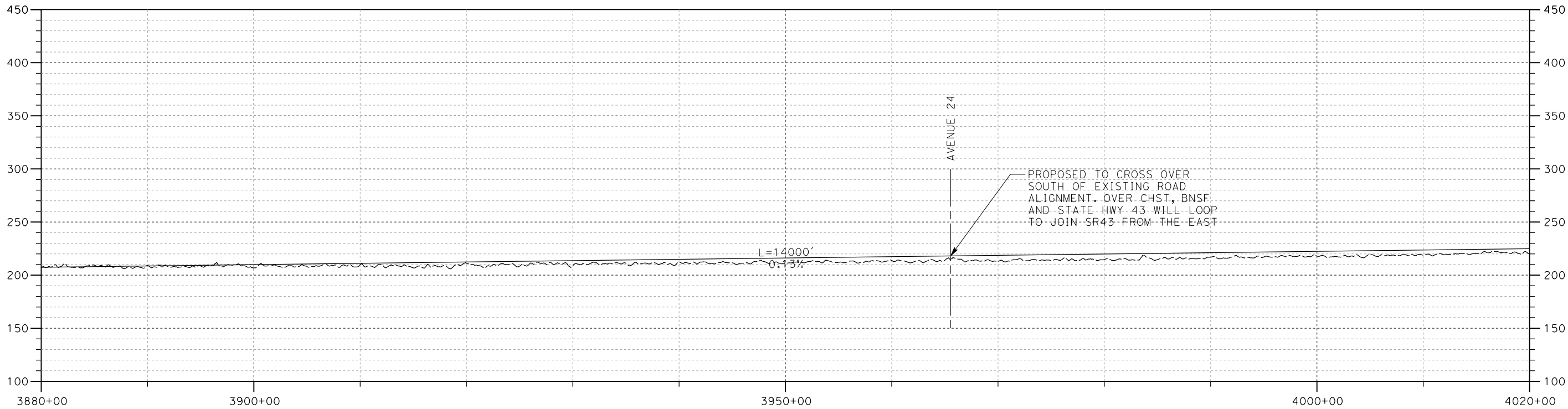
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INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 3740+00 TO 3880+00

CONTRACT NO. C-0-0000
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SHEET NO. 23 OF 37

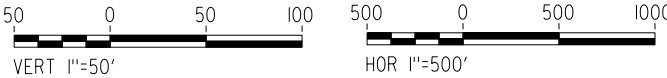
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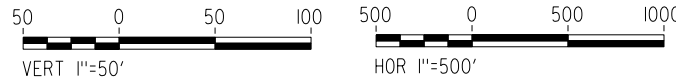
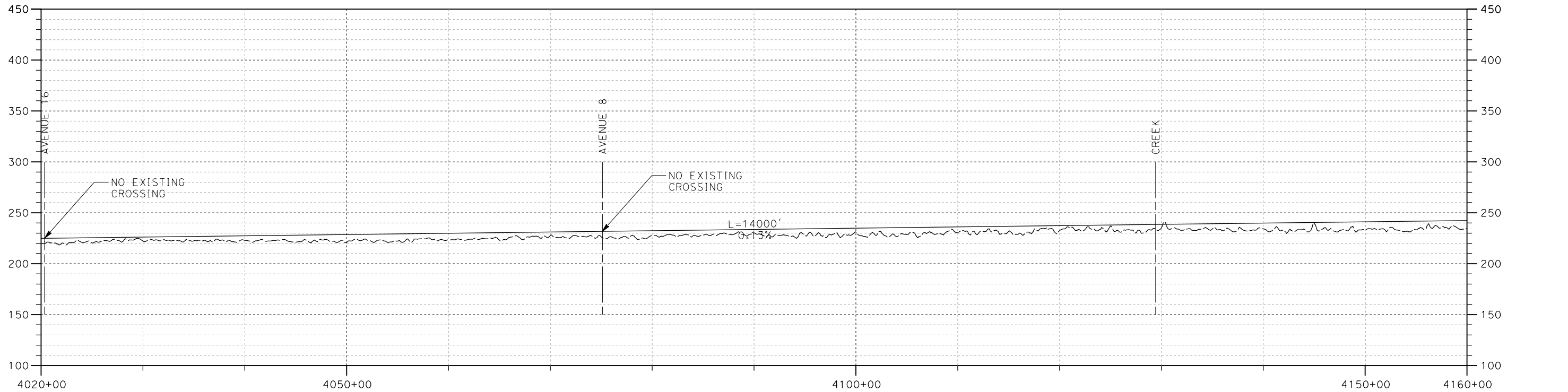
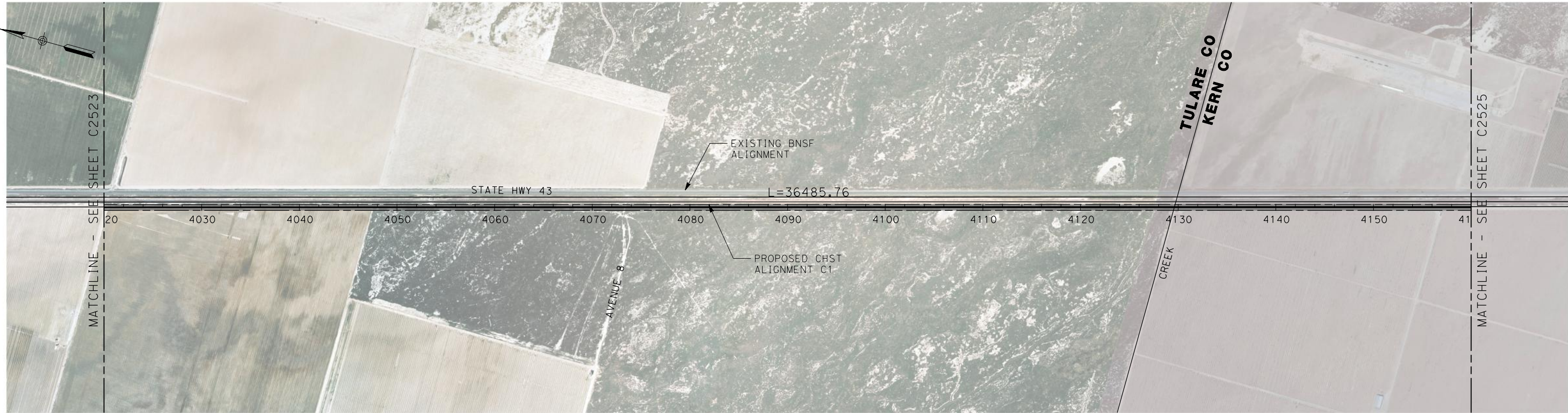
DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 3880+00 TO 4020+00

CONTRACT NO. C-0-0000
DRAWING NO. C2523
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SHEET NO. 24 OF 37

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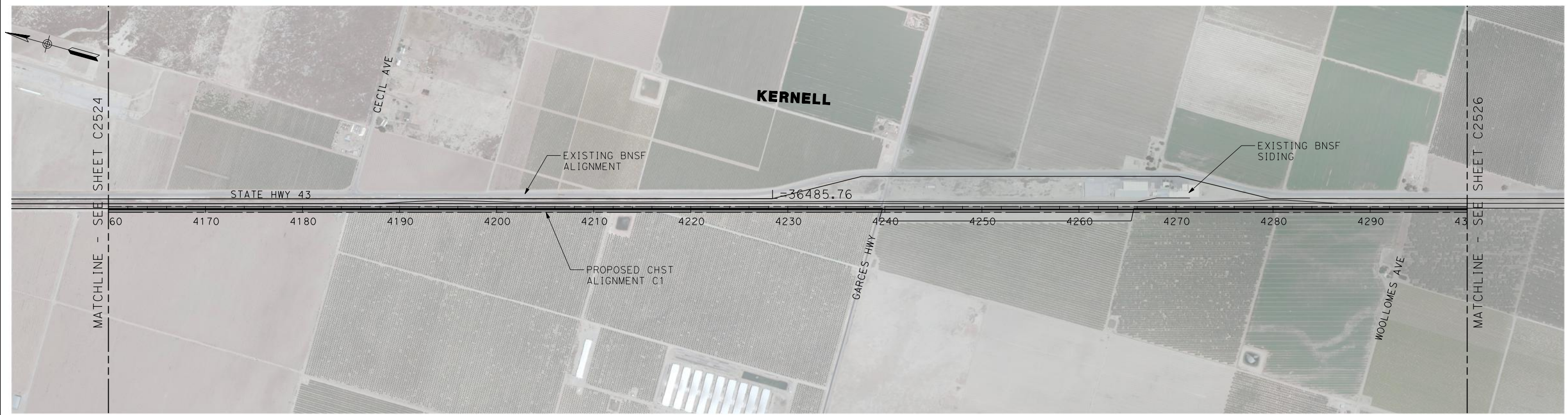
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



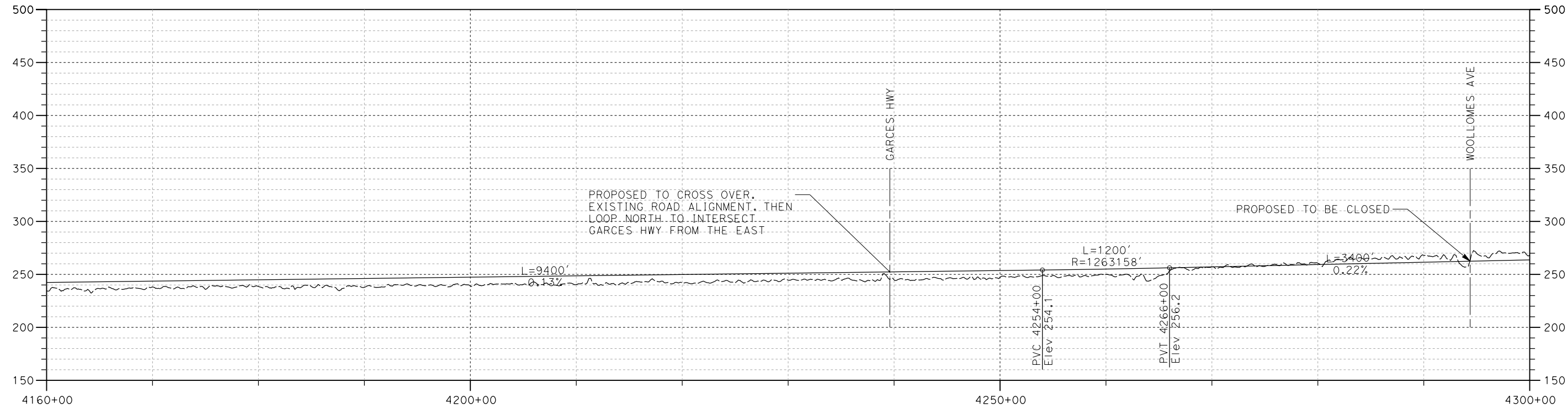
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INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 4020+00 TO 4160+00

CONTRACT NO. C-0-0000
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SHEET NO. 25 OF 37

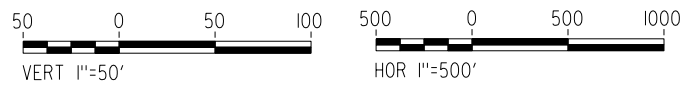
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PLAN



PROFILE



A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD FRESNO TO BAKERSFIELD RURAL SUBSECTION INSIDE BNSF RAILWAY RIGHT OF WAY ALIGNMENT C1 CH. 4160+00 TO 4300+00	CONTRACT NO. C-0-0000 DRAWING NO. C2525 SCALE AS SHOWN SHEET NO. 26 OF 37
--	--

PROPOSED TO CROSS OVER SOUTH OF EXISTING ROAD ALIGNMENT AND CHST, BNSF, STATE HWY 43 AND THEN TO CURVE NORTH TO INTERSECT SCHUSTER RD ON THE EAST

SCHUSTER RD

POND RD

PROPOSED TO BE CLOSED

L=1200'
R=857143'

L=3400'

0.22%

0.08%

PVC 4394+00
Elev 284.4

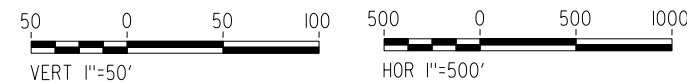
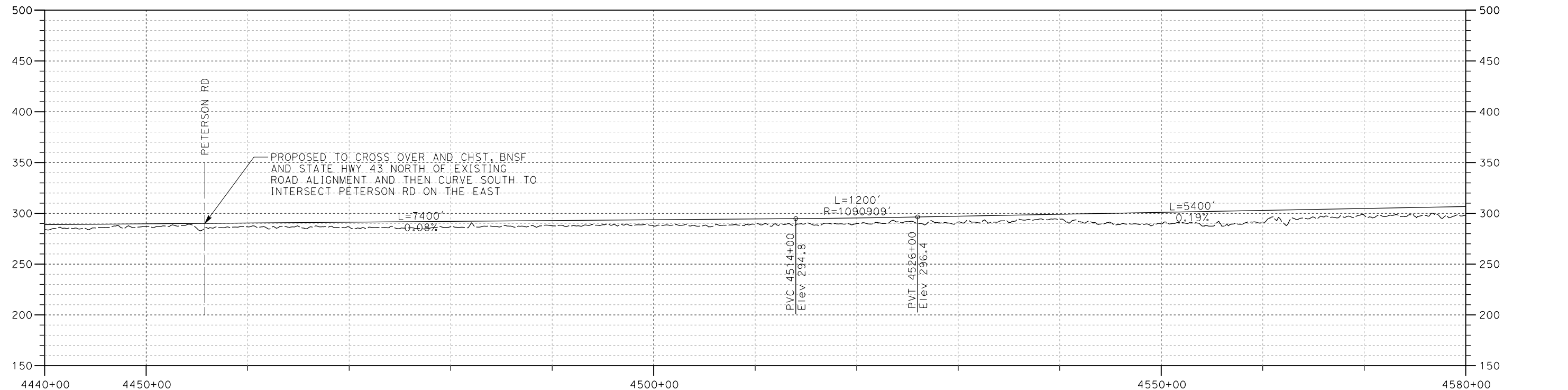
PVT 4406+00
Elev 286.2

4300+00 4350+00 4400+00 4440+00



CONTRACT NO.	C-0-0000
DRAWING NO.	C2526
SCALE	AS SHOWN
SHEET NO.	27 OF 37

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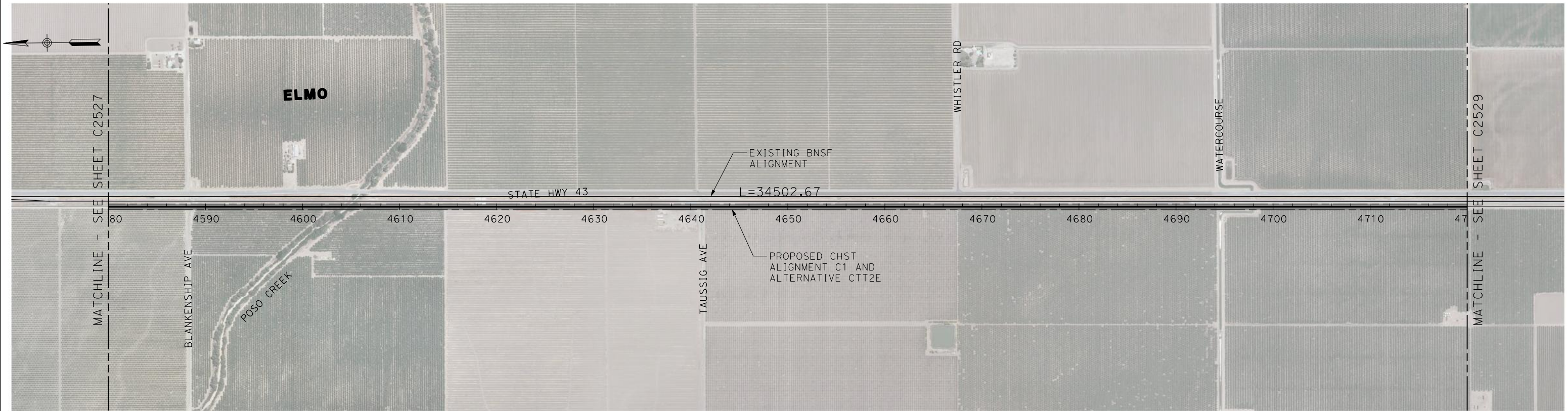
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



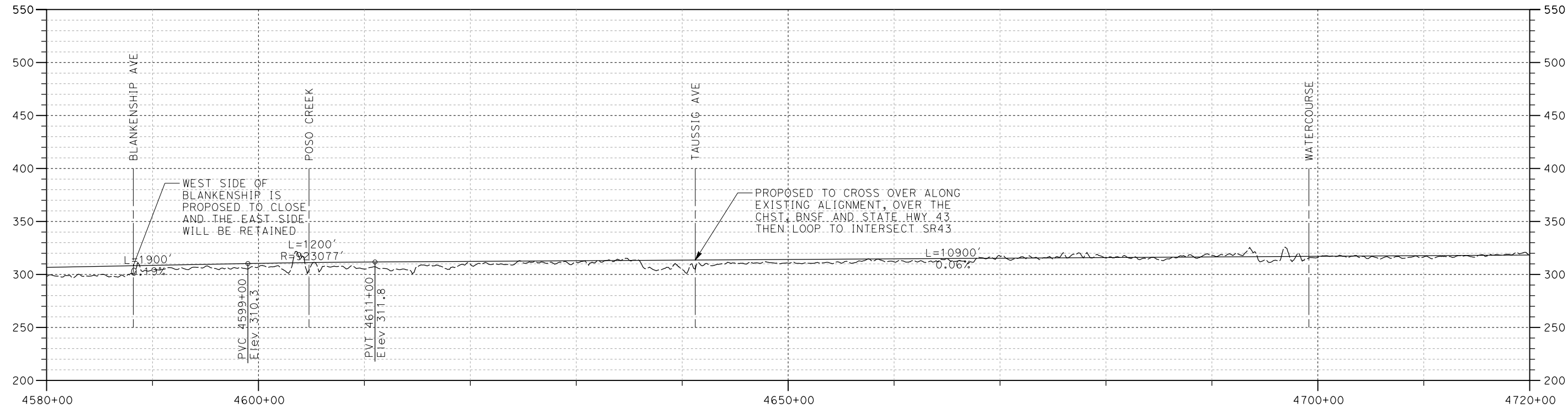
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FRESNO TO BAKERSFIELD
 FRESNO TO BAKERSFIELD RURAL SUBSECTION
 INSIDE BNSF RAILWAY RIGHT OF WAY
 ALIGNMENT C1
 CH. 4440+00 TO 4580+00

CONTRACT NO. C-0-0000
DRAWING NO. C2527
SCALE AS SHOWN
SHEET NO. 28 OF 37

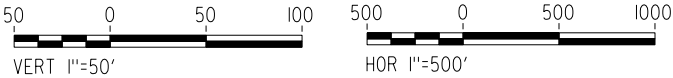
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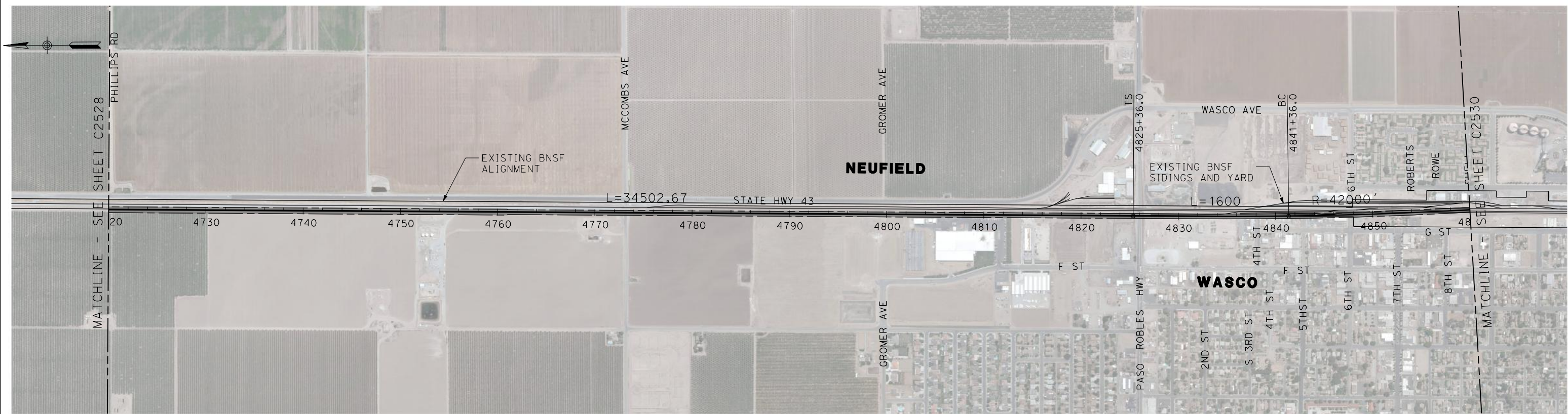
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



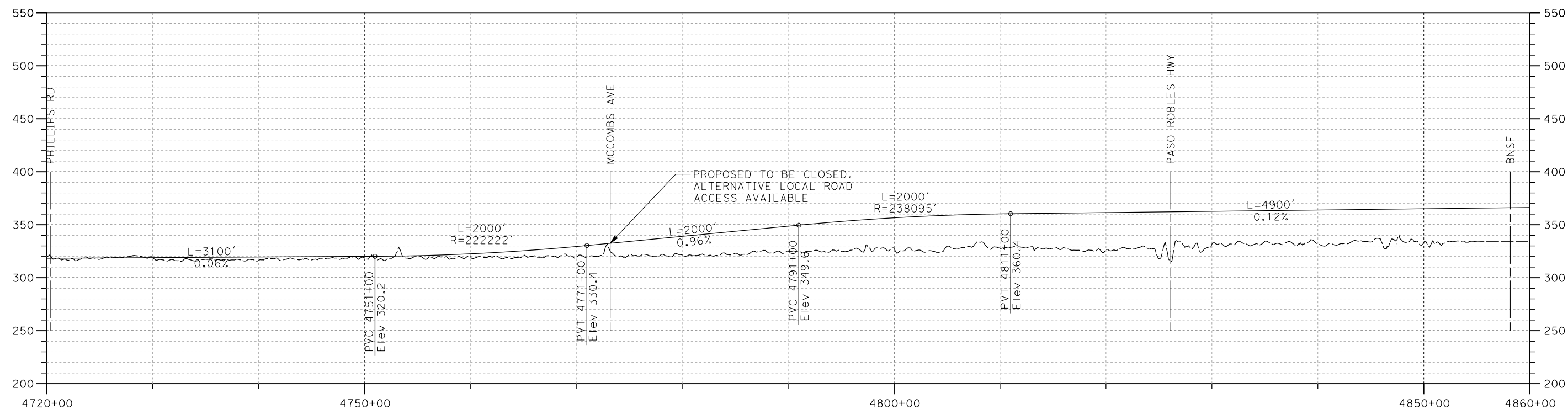
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FRESNO TO BAKERSFIELD RURAL SUBSECTION
INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 4580+00 TO 4720+00

CONTRACT NO. C-0-0000
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SHEET NO. 29 OF 37

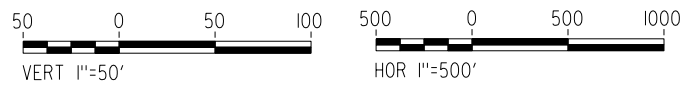
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PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



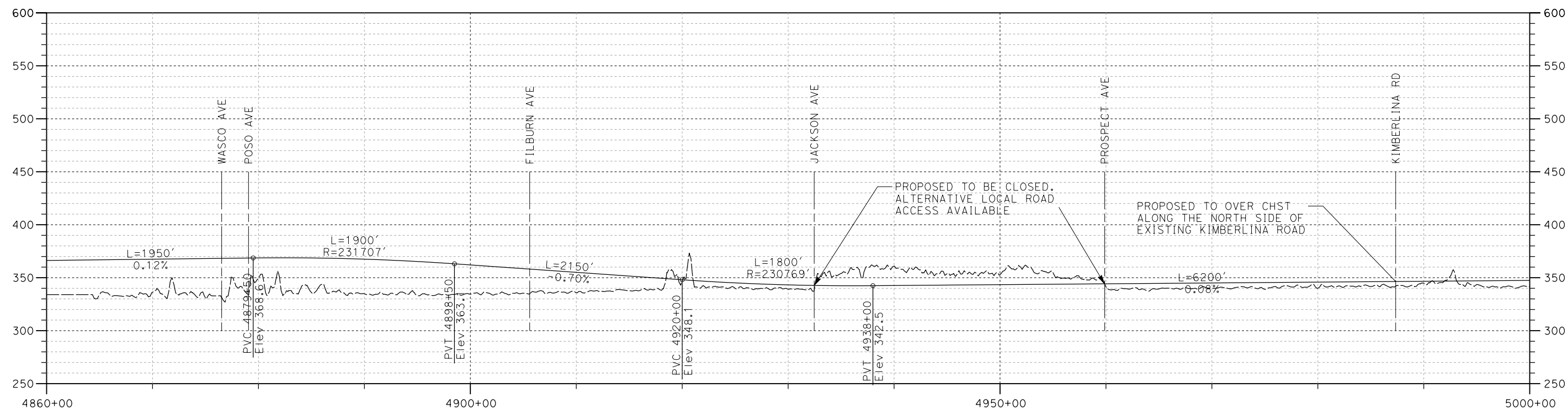
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INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 4720+00 TO 4860+00

CONTRACT NO. C-0-0000
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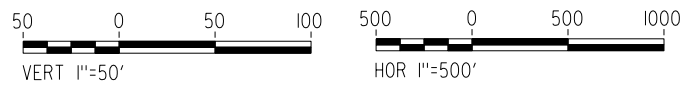
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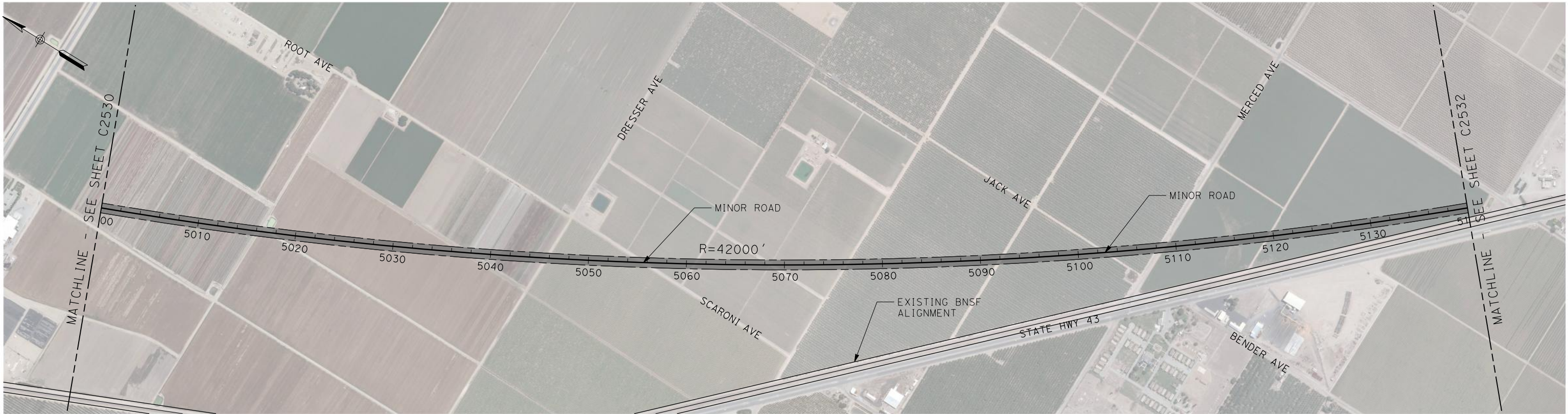
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



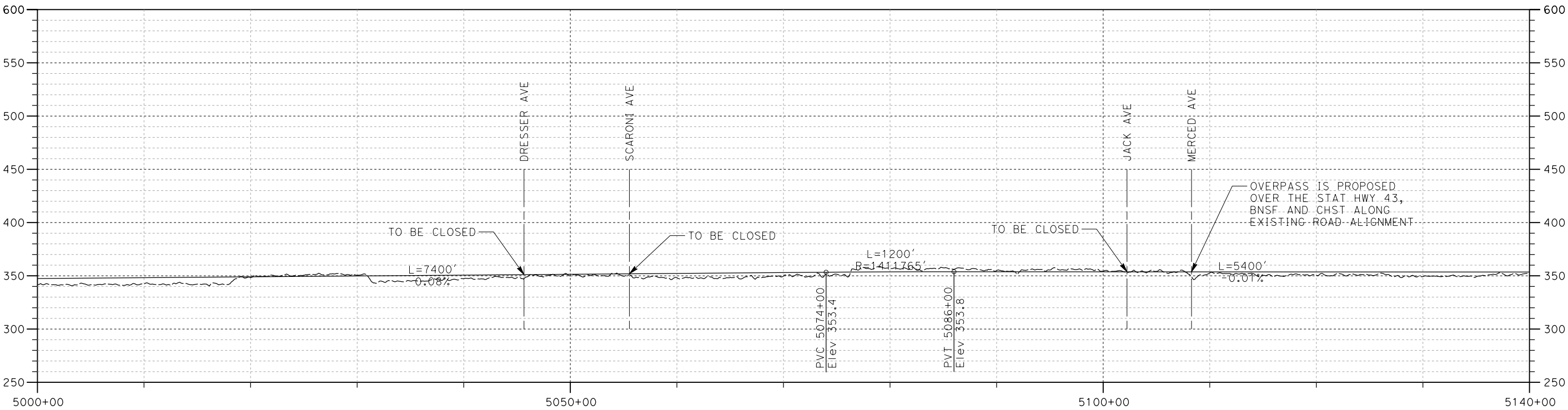
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INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 4860+00 TO 5000+00

CONTRACT NO. C-0-0000
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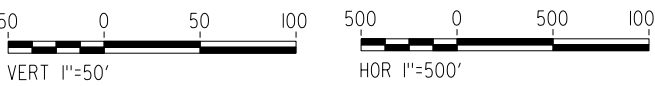
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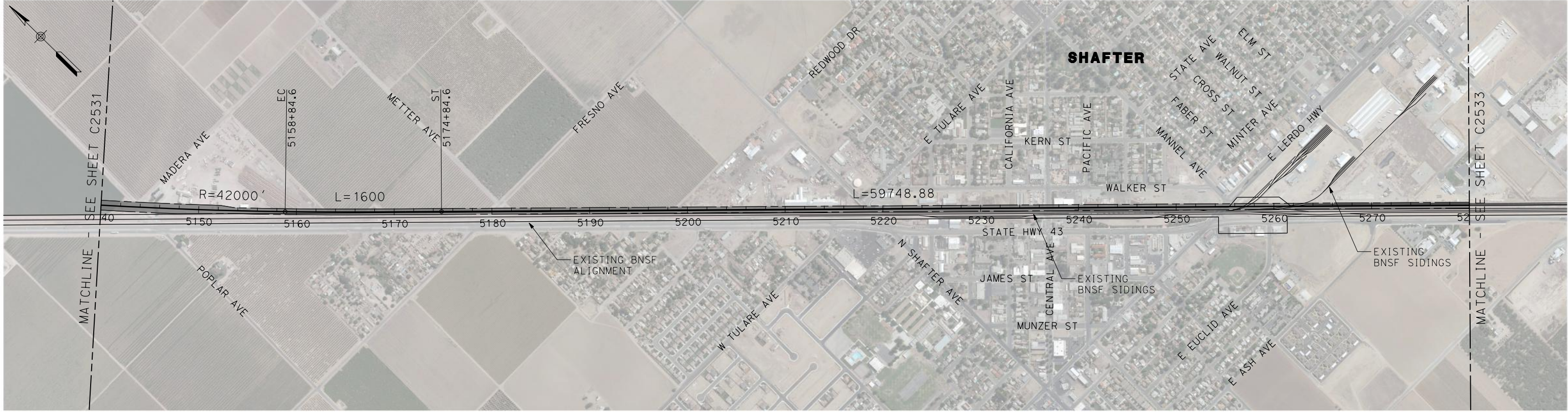
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DATE 01/29/10



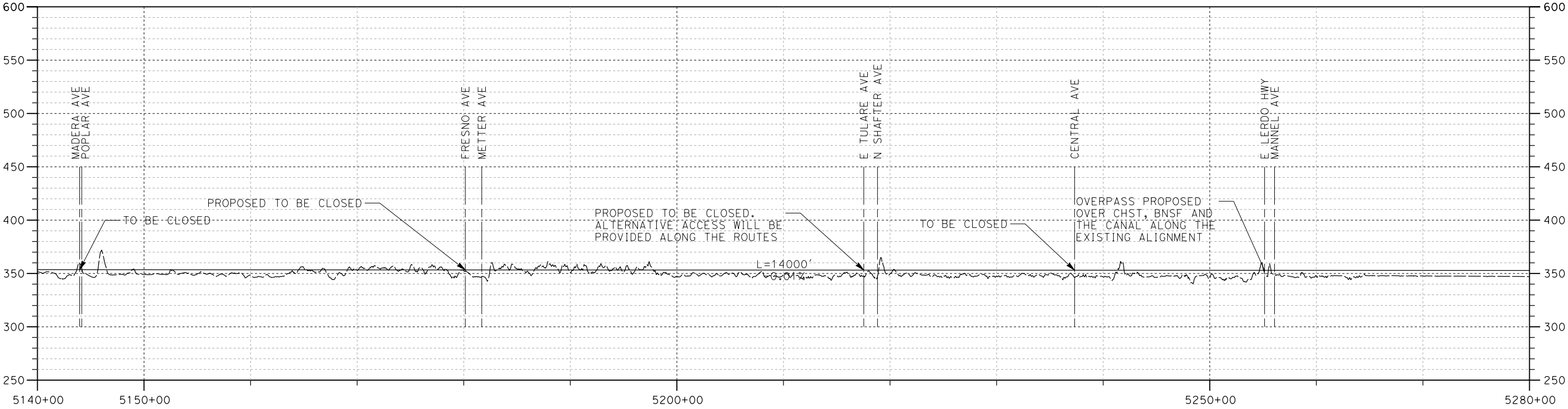
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INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 5000+00 TO 5140+00

CONTRACT NO. C-0-0000
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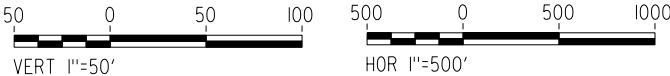
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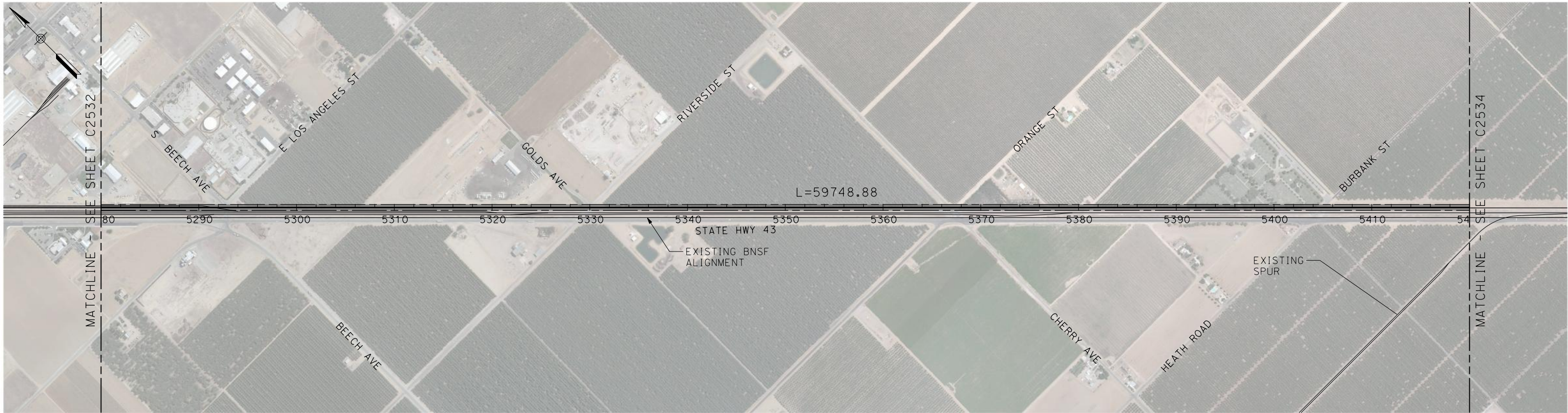
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CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



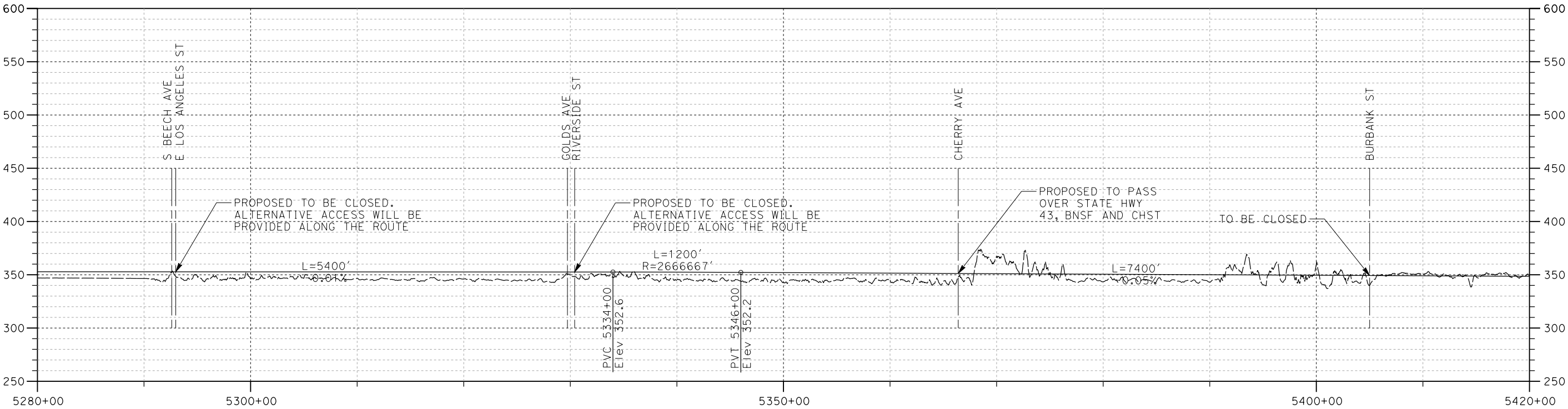
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FRESNO TO BAKERSFIELD RURAL SUBSECTION
INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 5140+00 TO 5280+00

CONTRACT NO. C-0-0000
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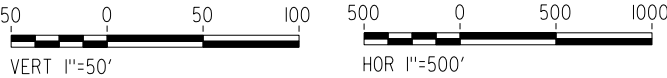
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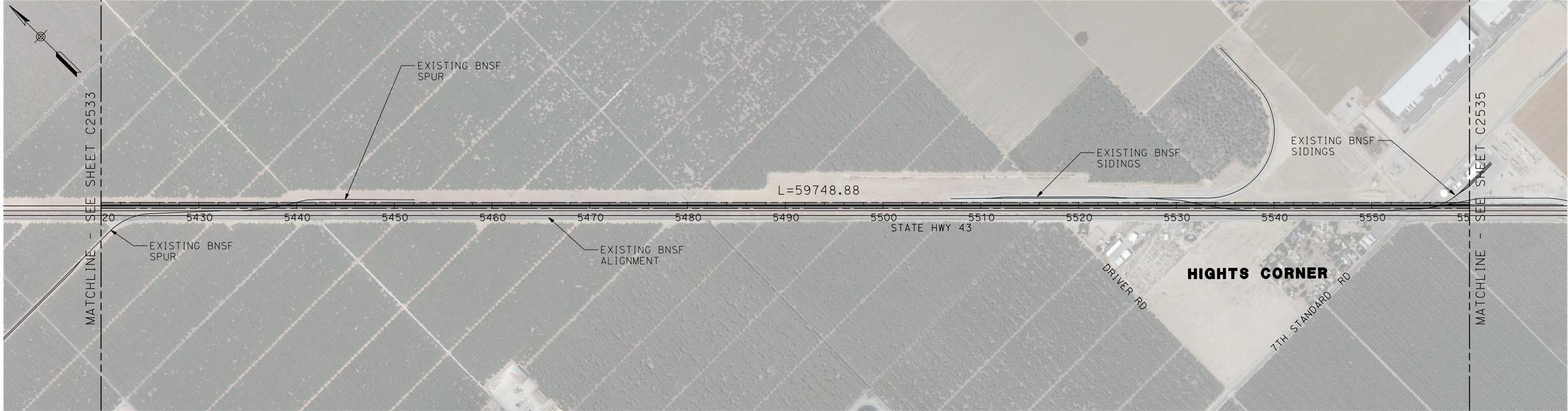
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CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



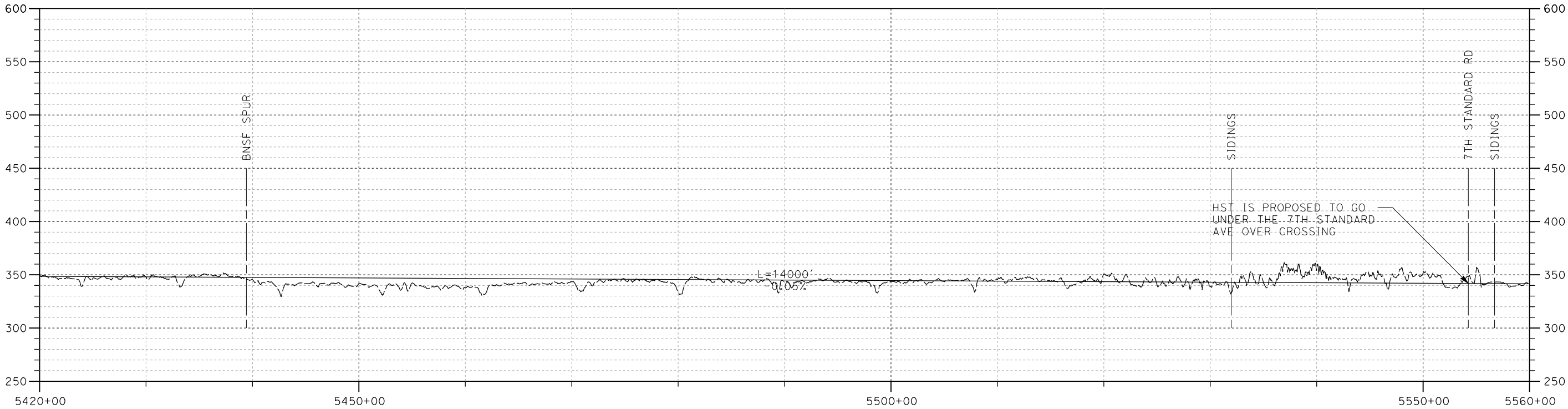
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FRESNO TO BAKERSFIELD RURAL SUBSECTION
INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 5280+00 TO 5420+00

CONTRACT NO. C-0-0000
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SHEET NO. 34 OF 37

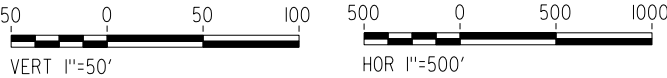
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PLAN



PROFILE



A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION



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CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



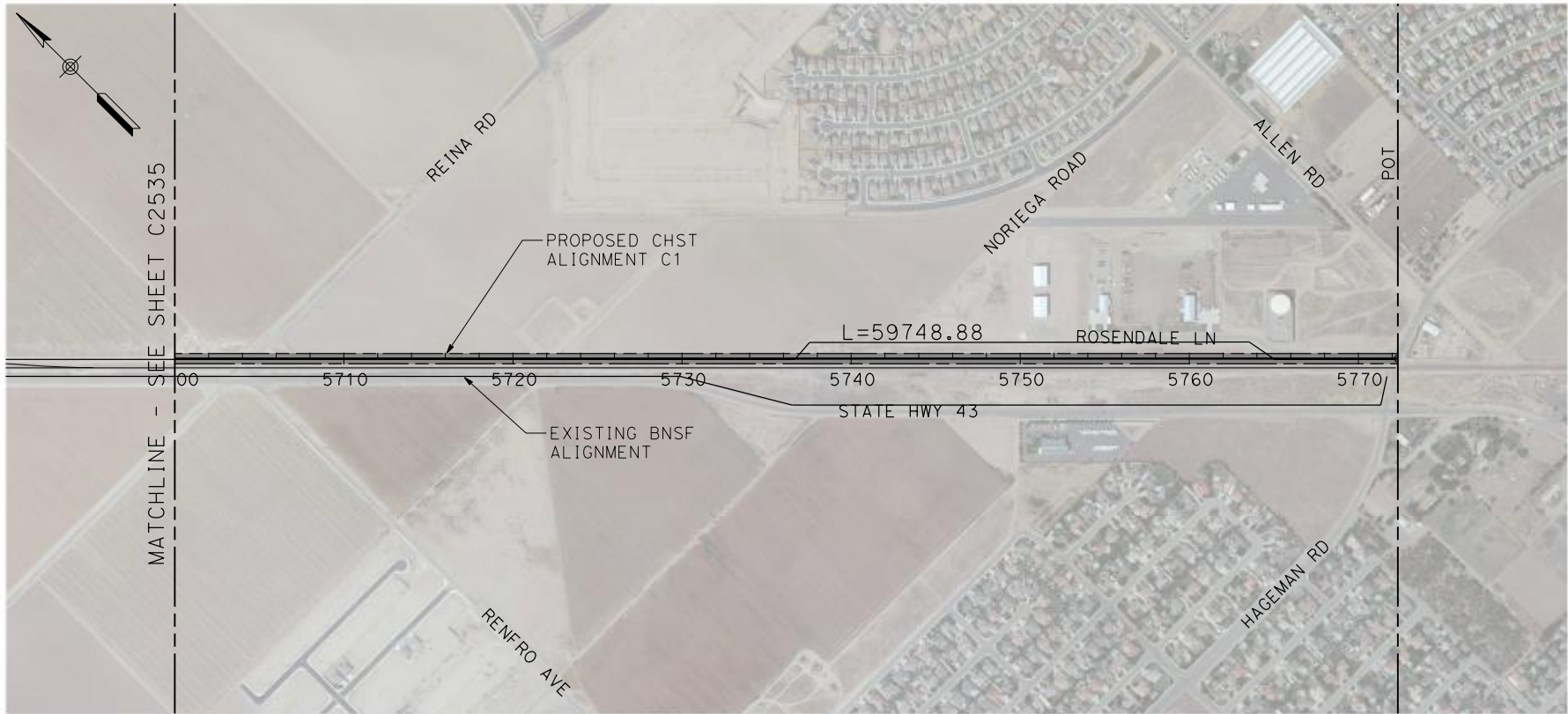
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INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 5420+00 TO 5560+00

CONTRACT NO. C-0-0000
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SHEET NO. 35 OF 37

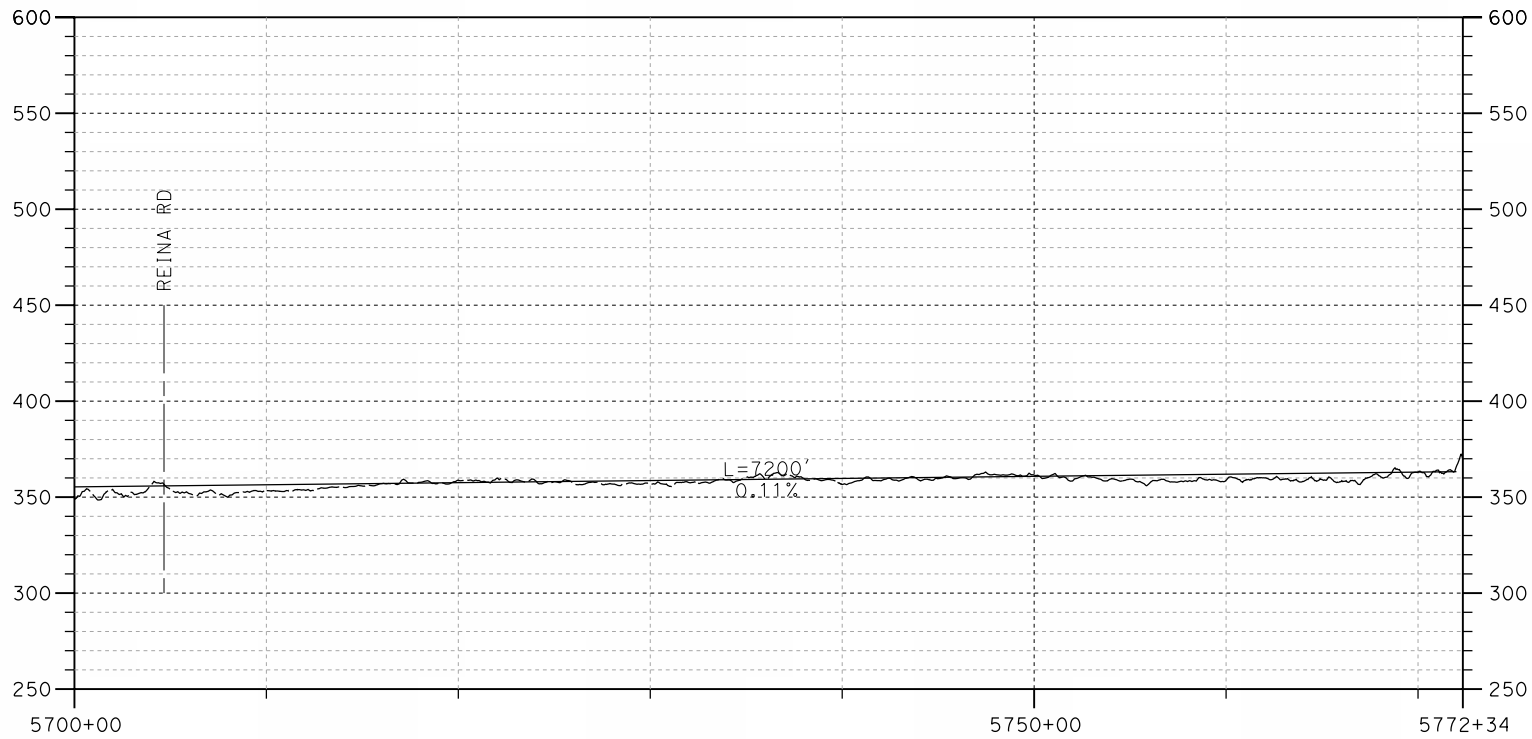
Profile view of the proposed SR43 alignment from station 5560+00 to 5700+00. The profile shows a vertical curve with a PVC at station 5564+00 (Elev 341.3) and a PVI at station 5576+00 (Elev 341.7). The curve length L is 1200 feet. The profile grade is 0.05% from station 5564+00 to 5576+00 and 0.11% from station 5576+00 to 5696+00. The total curve length is 12400 feet. The profile crosses Heath Rd and Snow Rd at station 5600+00, and Pudd Ave and Kratzmeyer Rd at station 5696+00. A note indicates that the connection to SR43 is to be closed. Another note states that Kratzmeyer Rd is proposed to be elevated over existing BNSF, CHST, and SR43, with local roads providing an alternative connection to SR43 west of CHST. The profile is shown with a dashed line for the proposed alignment and a solid line for the existing ground.

						DESIGNED BY M. INKSTER	 	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD FRESNO TO BAKERSFIELD RURAL SUBSECTION INSIDE BNSF RAILWAY RIGHT OF WAY ALIGNMENT C1 CH. 5560+00 TO 5700+00	CONTRACT NO. C-0-0000
						DRAWN BY M. INKSTER			DRAWING NO. C2535
						CHECKED BY J. LIPSCOMB			SCALE AS SHOWN
A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT	IN CHARGE J. LIPSCOMB			SHEET NO. 36 OF 37
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 01/29/10			

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PLAN



PROFILE



A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	M. INKSTER
DRAWN BY	M. INKSTER
CHECKED BY	J. LIPSCOMB
IN CHARGE	J. LIPSCOMB
DATE	01/22/10



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
INSIDE BNSF RAILWAY RIGHT OF WAY
ALIGNMENT C1
CH. 5700+00 TO 5772+34

CONTRACT NO.	C-0-0000
DRAWING NO.	C2536
SCALE	AS SHOWN
SHEET NO.	37 OF 37

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REV	DATE	BY	CHK	APP	DESCRIPTION

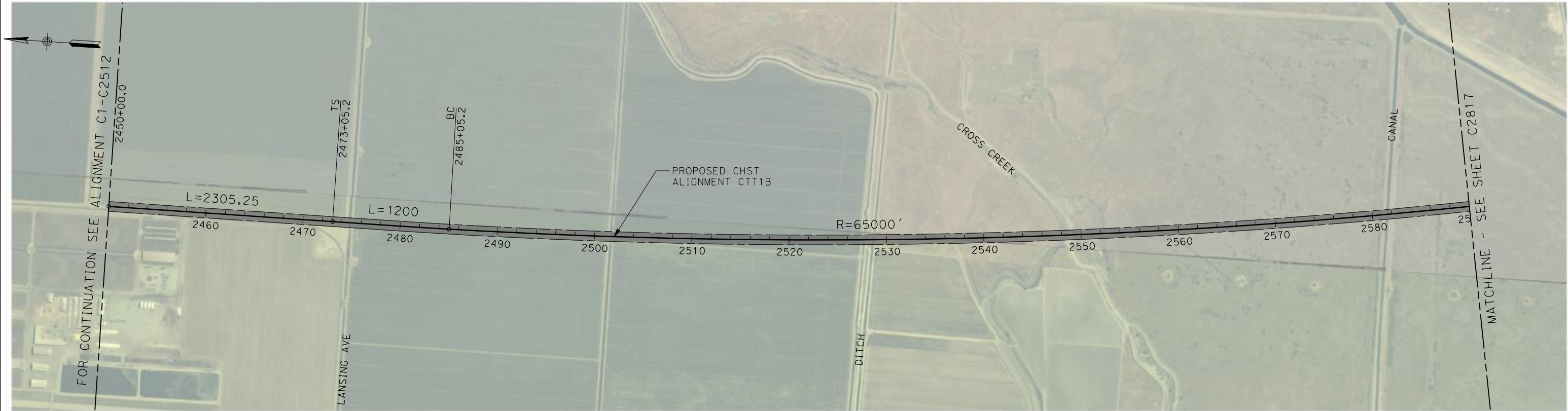
DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



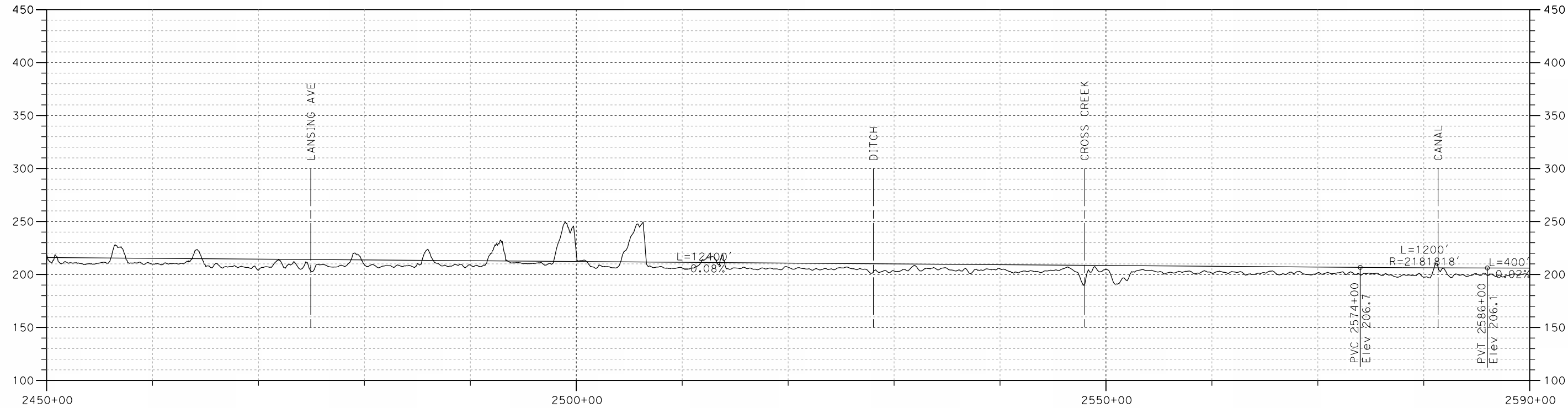
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
CORCORAN LOCAL OPTION - EAST OF BNSF
ALIGNMENT CTT1B
KEY PLAN

CONTRACT NO. C-0-0000
DRAWING NO. C2815
SCALE 1"=5000'
SHEET NO. 1 OF 6

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PLAN



PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

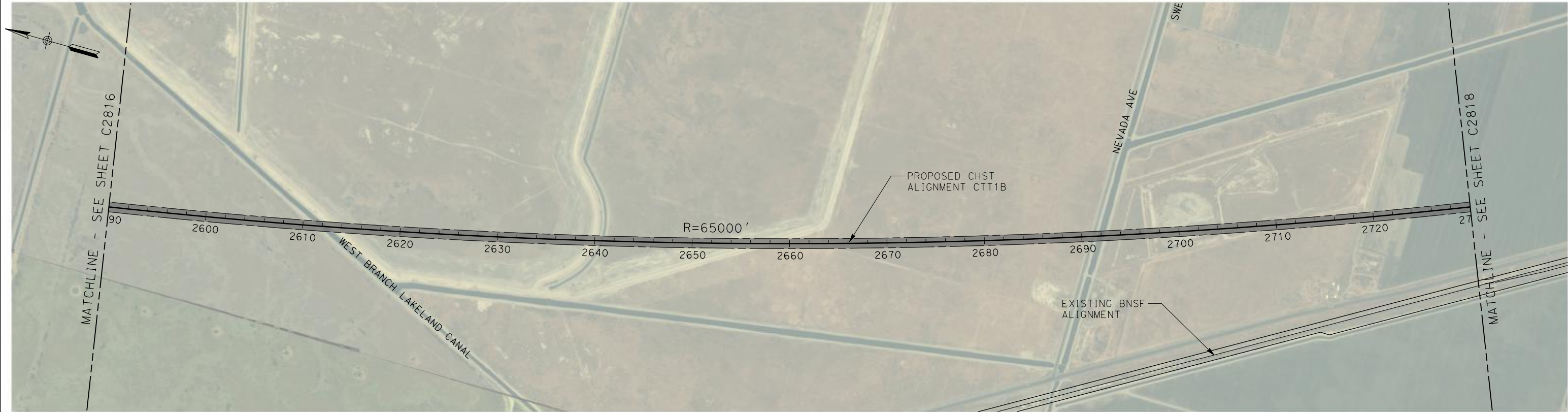
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



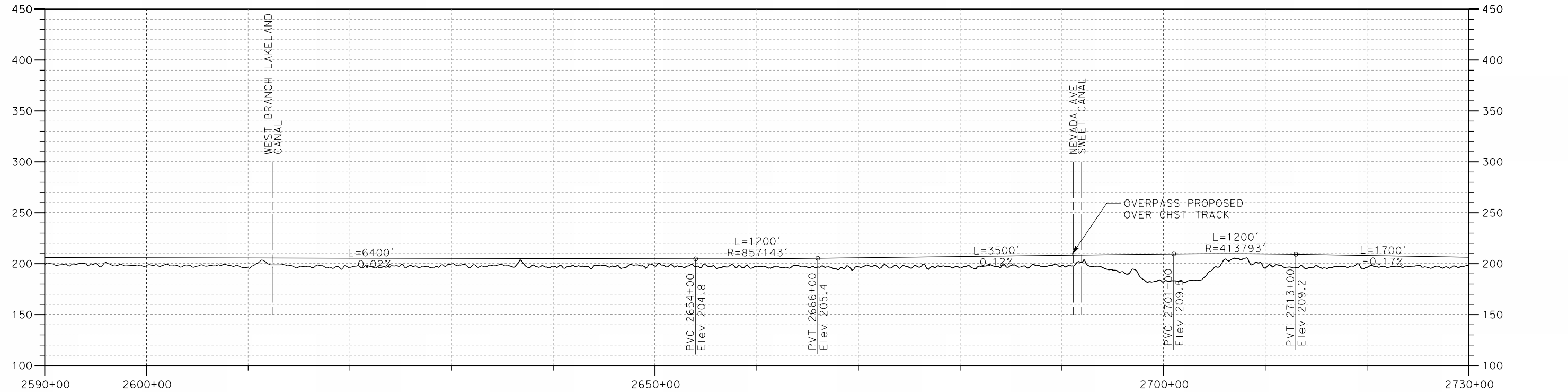
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FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
ELEVATED EAST OF BNSF SEPARATE R/W
ALIGNMENT CTT1B
STA 2450+00 TO 2590+00

CONTRACT NO. C-0-0000
DRAWING NO. C2816
SCALE AS SHOWN
SHEET NO. 2 OF 6

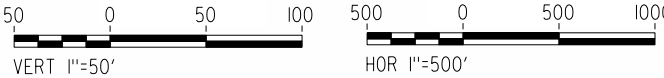
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PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

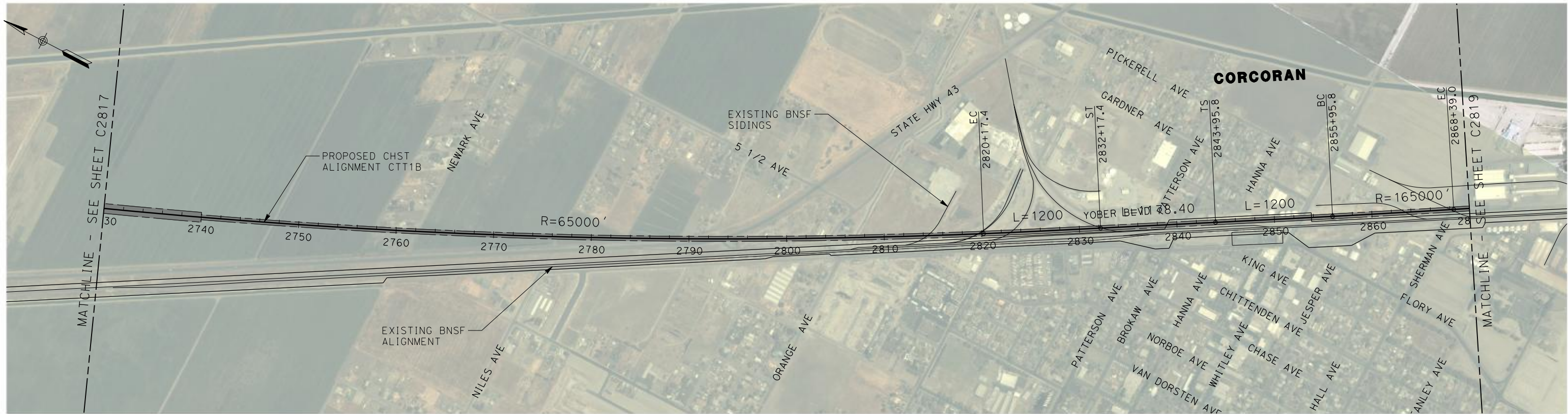
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



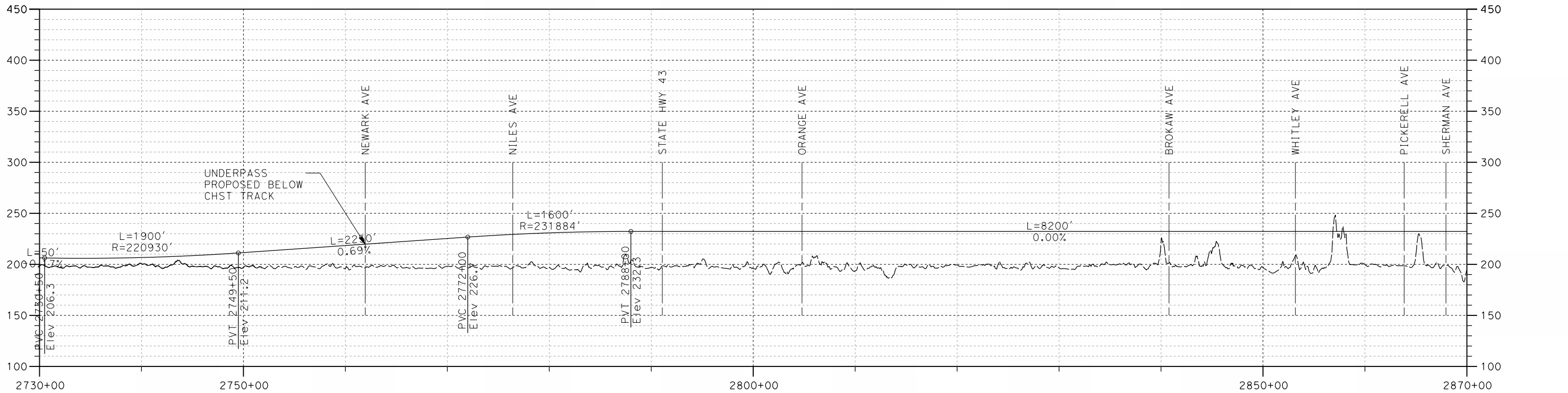
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FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
ELEVATED EAST OF BNSF SEPARATE R/W
ALIGNMENT CTT1B
STA 2590+00 TO 2730+00

CONTRACT NO. C-0-0000
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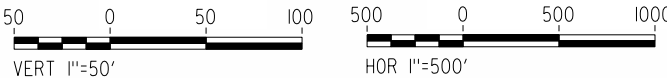
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29/01/2010 16:22:44 michael.jones



PLAN



PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

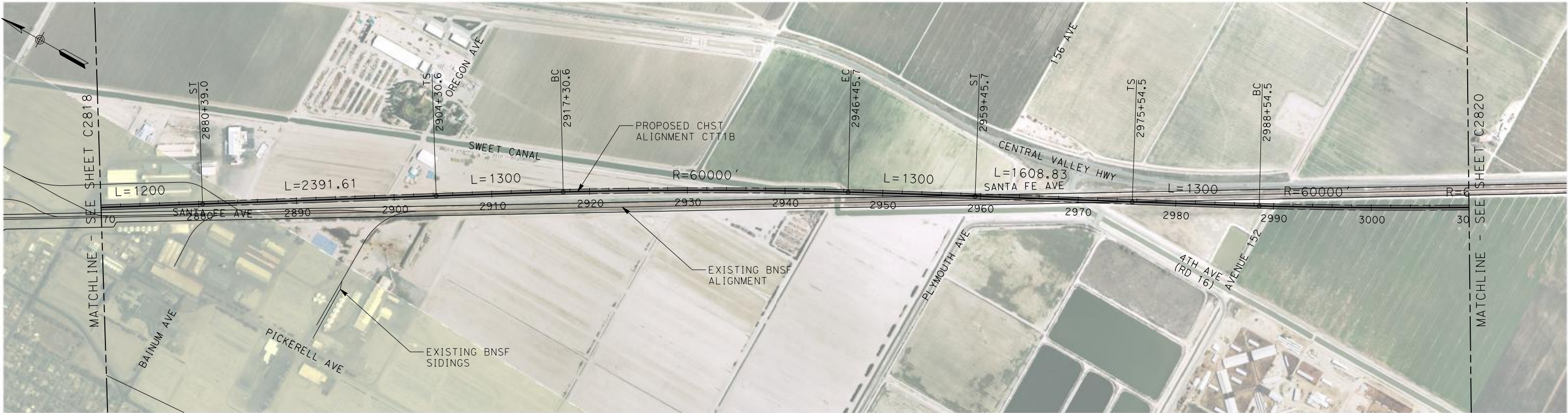
DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



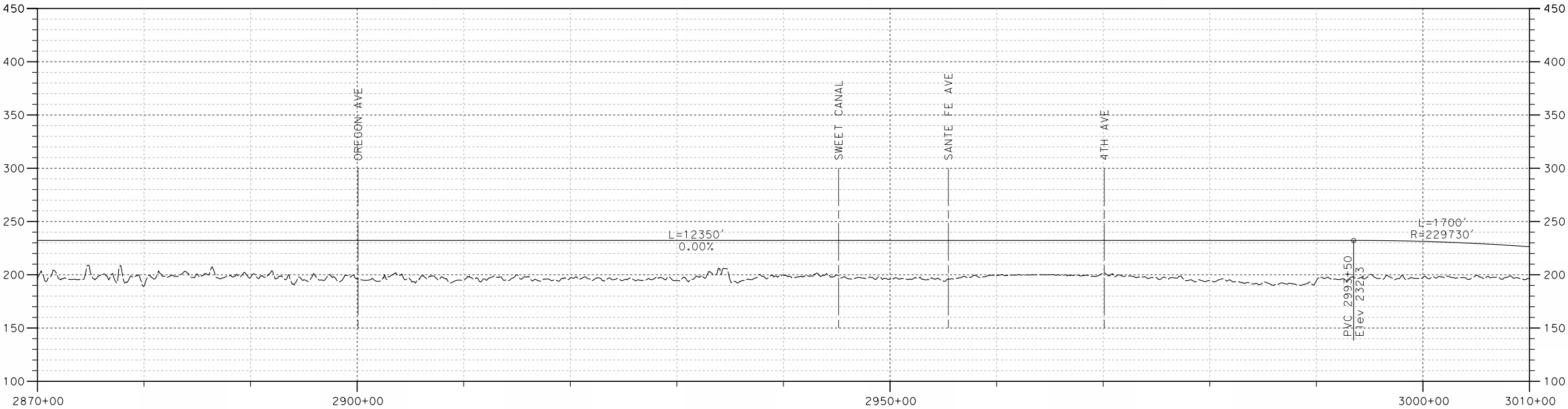
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FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
ELEVATED EAST OF BNSF SEPARATE R/W
ALIGNMENT CTT1B
STA 2730+00 TO 2870+00

CONTRACT NO. C-0-0000
DRAWING NO. C2818
SCALE AS SHOWN
SHEET NO. 4 OF 6

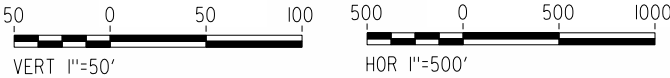
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PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

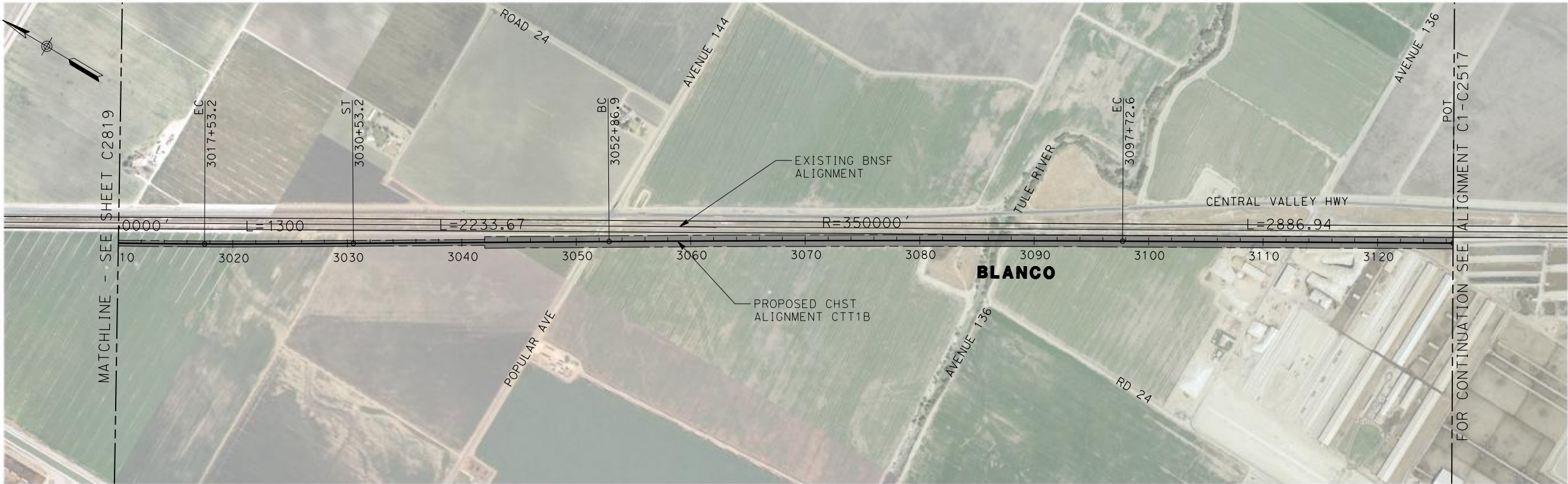
DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



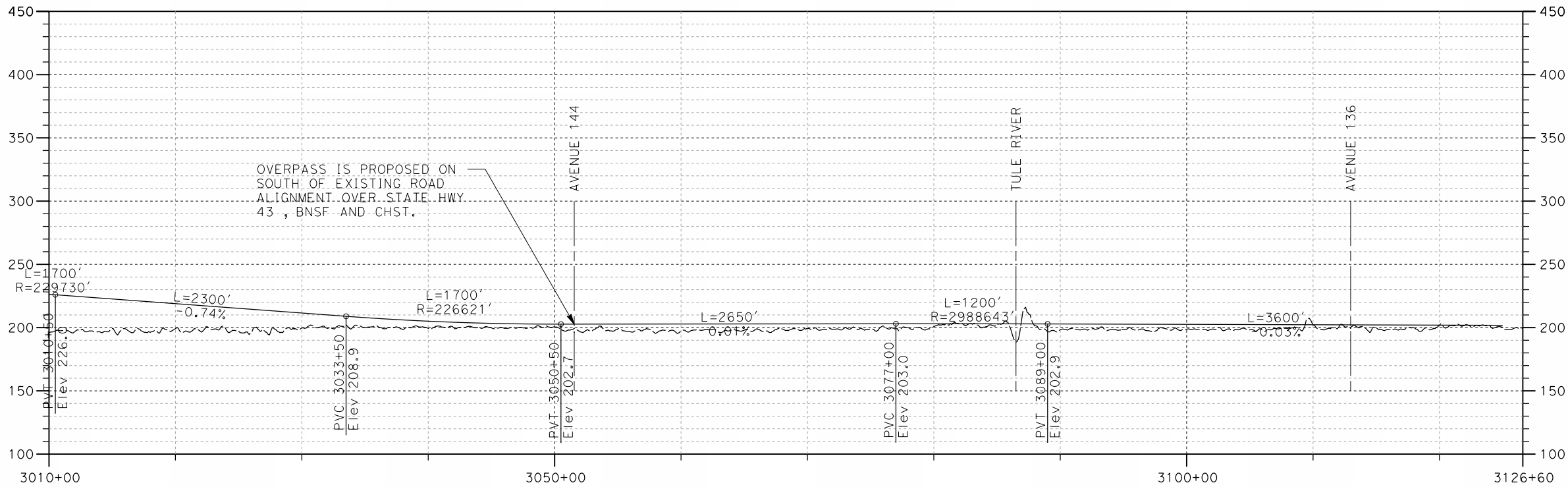
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
ELEVATED EAST OF BNSF SEPARATE R/W
ALIGNMENT CTT1B
STA 2870+00 TO 3010+00

CONTRACT NO. C-0-0000
DRAWING NO. C2819
SCALE AS SHOWN
SHEET NO. 5 OF 6

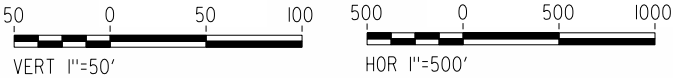
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PLAN



PROFILE



A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
ELEVATED EAST OF BNSF SEPARATE R/W
ALIGNMENT CTT1B
STA 3010+00 TO 3126+60

CONTRACT NO. C-0-0000
DRAWING NO. C2820
SCALE AS SHOWN
SHEET NO. 6 OF 6

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alan.dean



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REV	DATE	BY	CHK	APP	DESCRIPTION

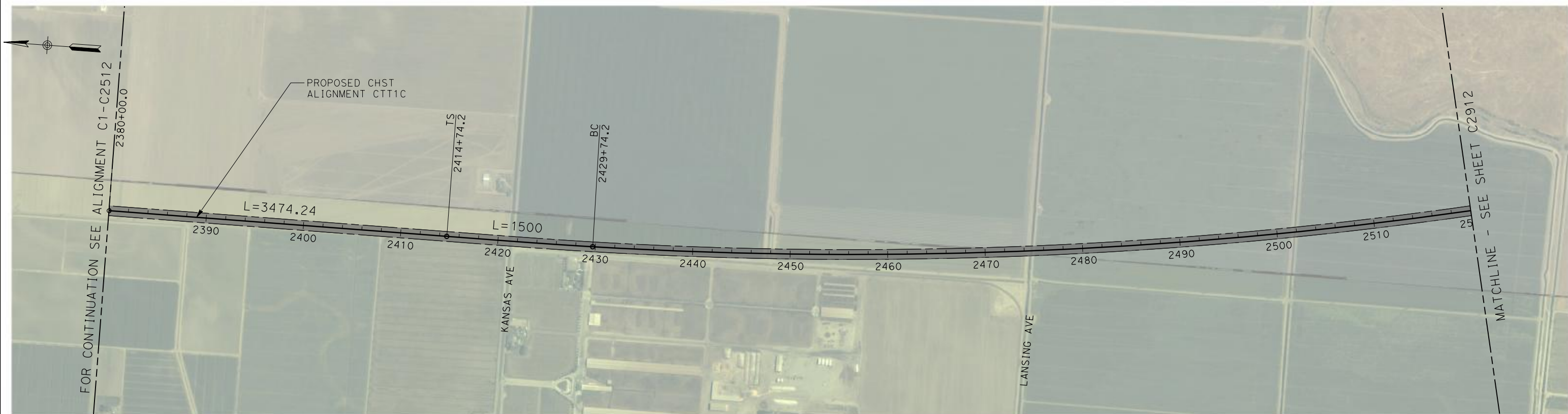
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DRAWN BY M.INKSTER
CHECKED BY J.LIPSCOMB
IN CHARGE R. PRUST
DATE 01/29/10



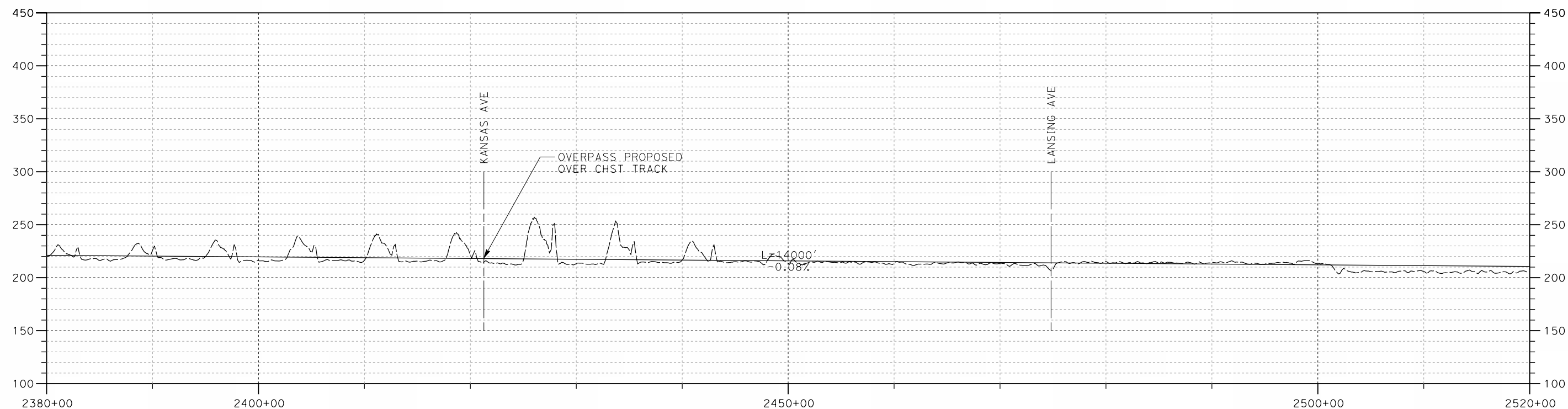
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FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
EAST BYPASS OF CORCORAN
ALIGNMENT CTT1C
KEY PLAN

CONTRACT NO. C_0_0000
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SHEET NO. 1 OF 7

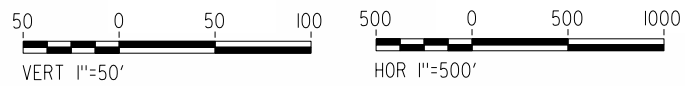
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PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

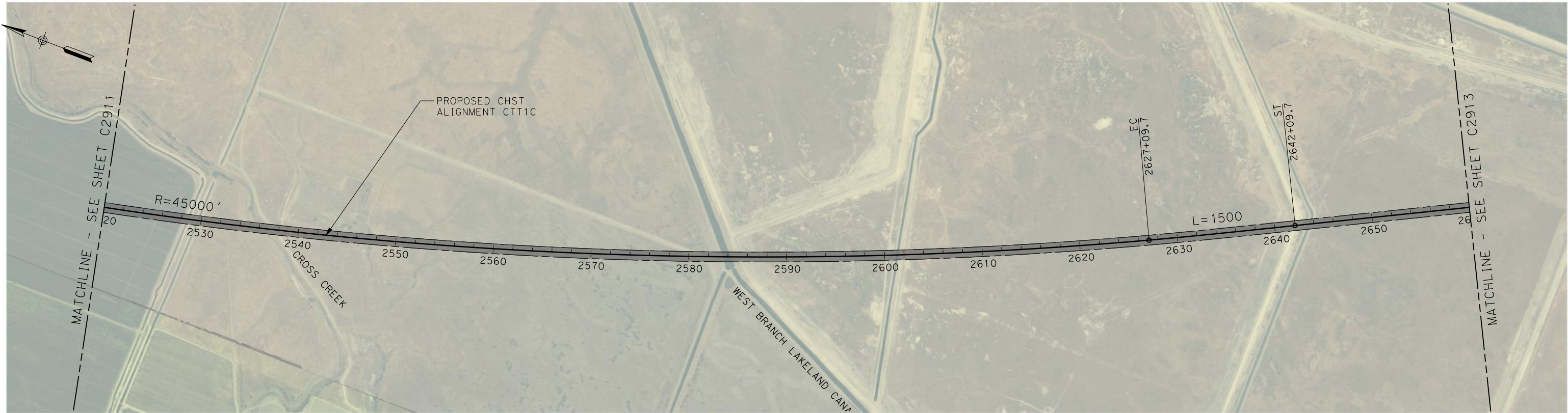
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE R. PRUST
DATE 01/29/10



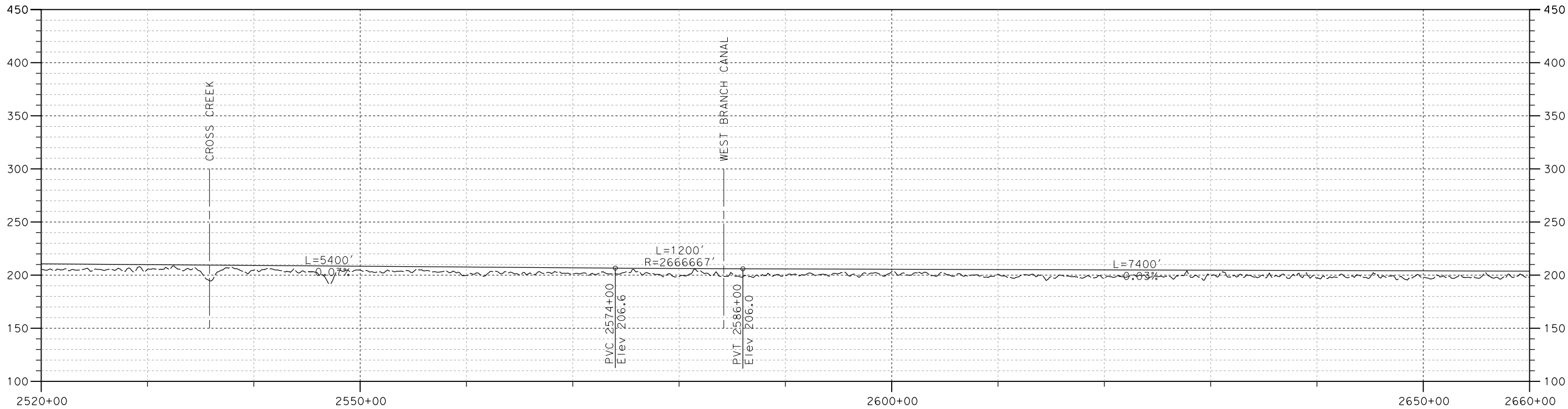
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FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
EAST BYPASS OF CORCORAN
ALIGNMENT CTT1C
CH. 2380+00 TO 2520+00

CONTRACT NO. C-0-0000
DRAWING NO. C2911
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SHEET NO. 2 OF 7

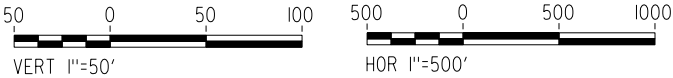
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PLAN



PROFILE



A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE R. PRUST
DATE 01/29/10



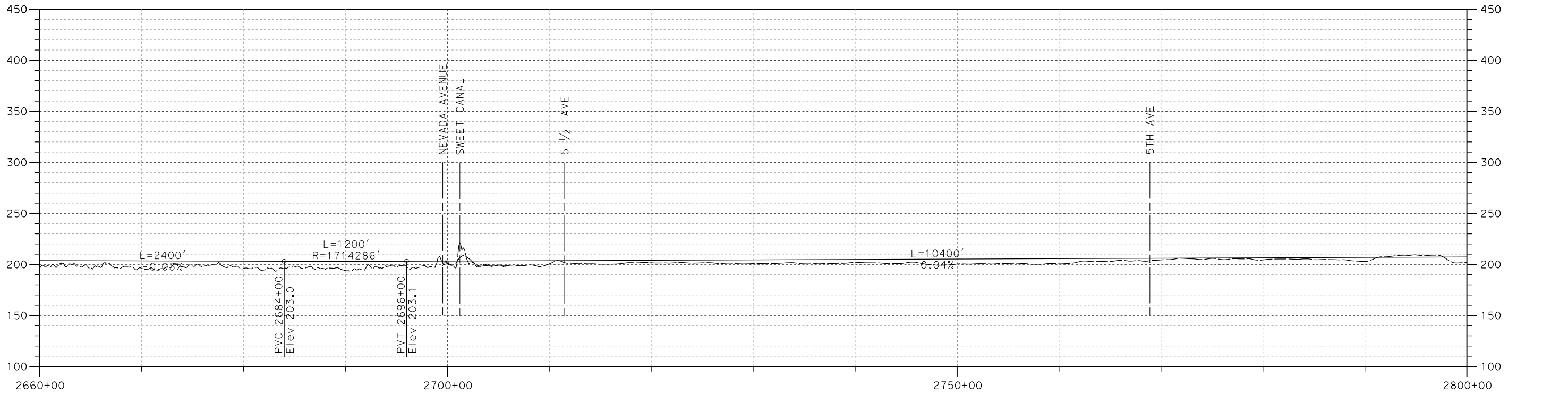
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FRESNO TO BAKERSFIELD**
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EAST BYPASS OF CORCORAN
ALIGNMENT CTT1C
CH. 2520+00 TO 2660+00

CONTRACT NO. C-0-0000
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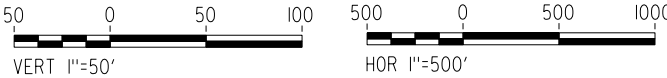
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PLAN



PROFILE



A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE R. PRUST
DATE 01/29/10



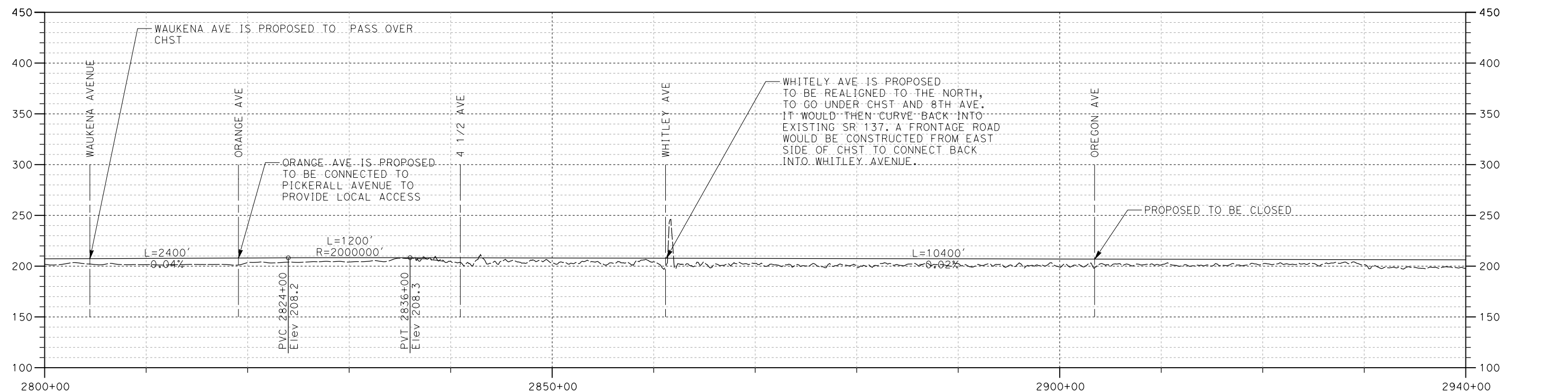
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FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
EAST BYPASS OF CORCORAN
ALIGNMENT CTT1C
CH. 2660+00 TO 2800+00

CONTRACT NO. C-0-0000
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PLAN



PROFILE



A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE R. PRUST
DATE 01/29/10



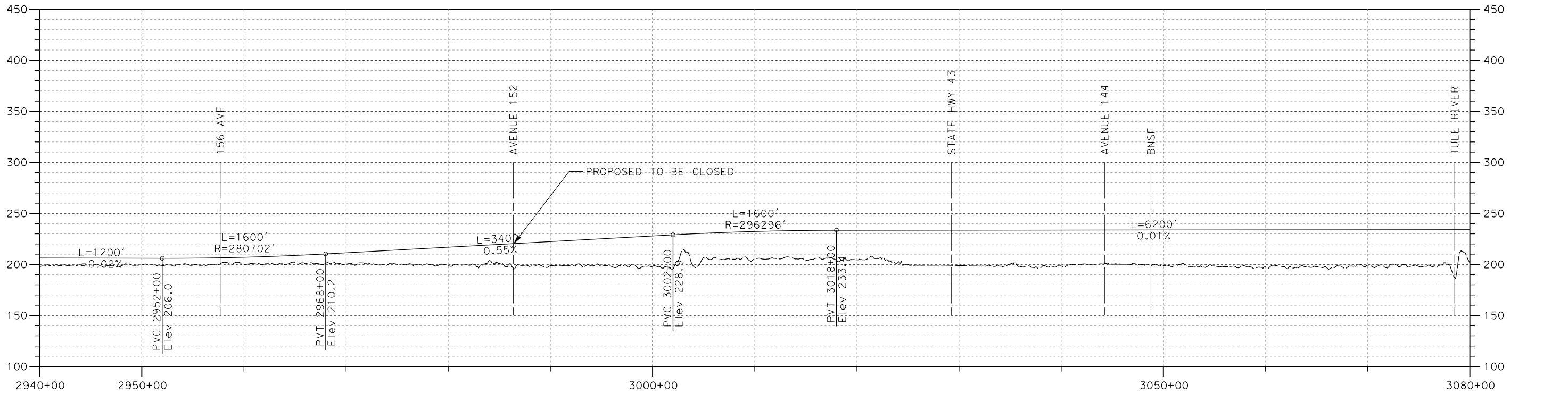
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EAST BYPASS OF CORCORAN
ALIGNMENT CTT1C
CH. 2800+00 TO 2940+00

CONTRACT NO. C-0-0000
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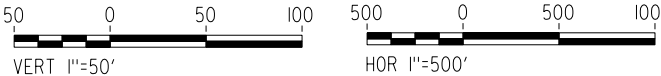
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PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

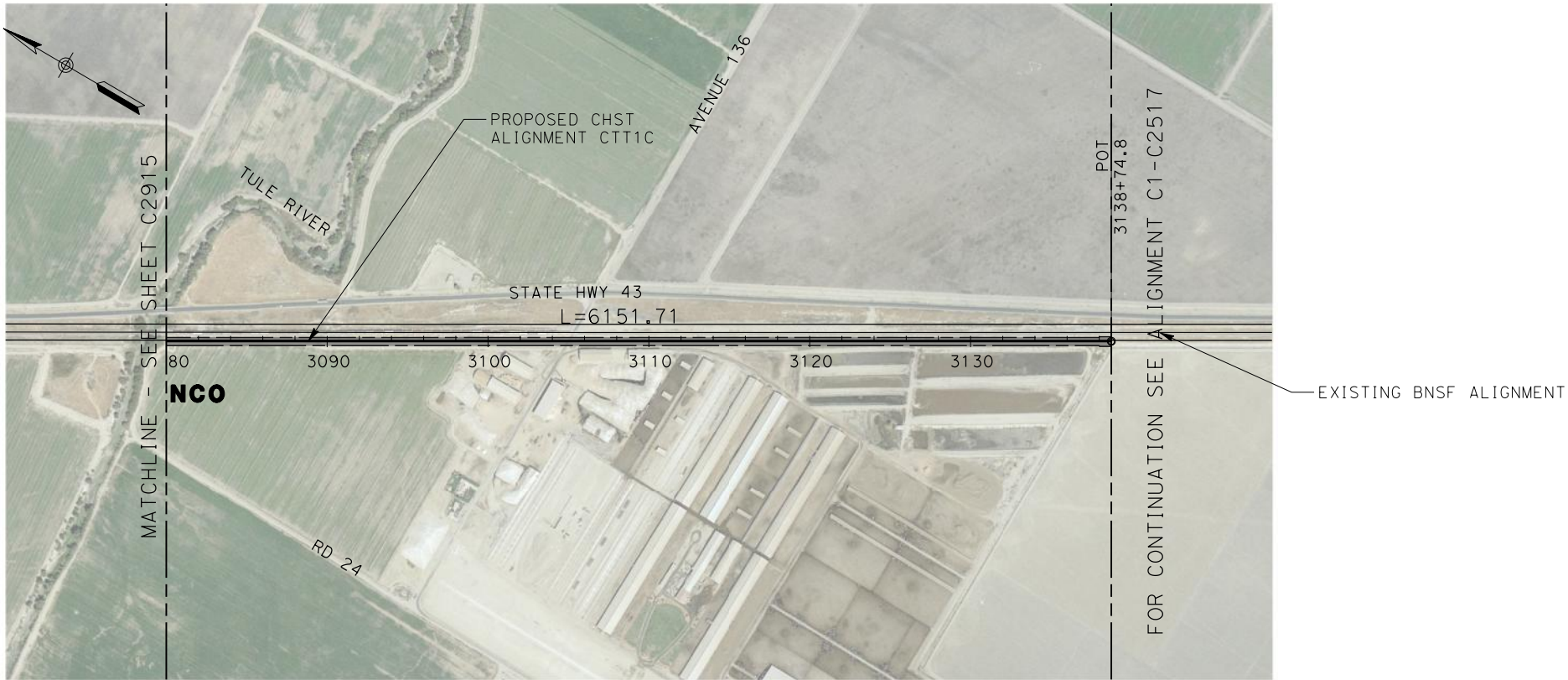
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE R. PRUST
DATE 01/29/10



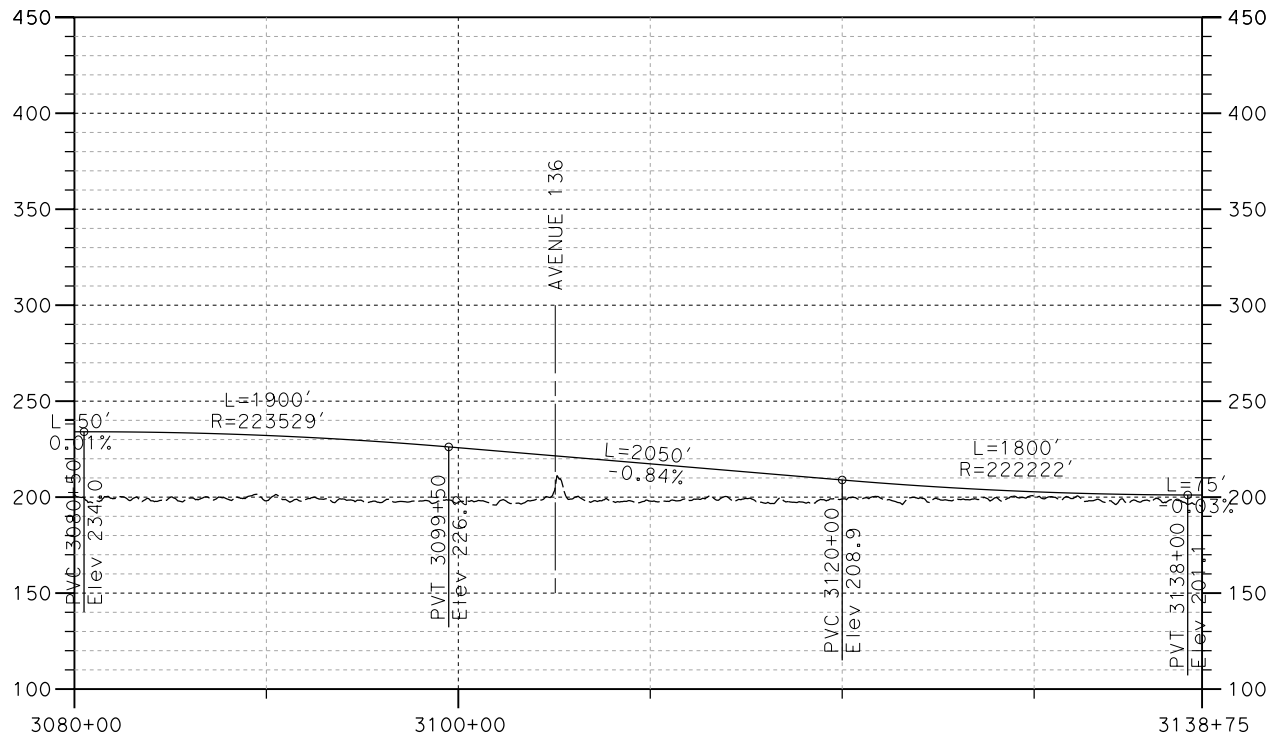
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EAST BYPASS OF CORCORAN
ALIGNMENT CTT1C
CH. 2940+00 TO 3080+00

CONTRACT NO. C-0-0000
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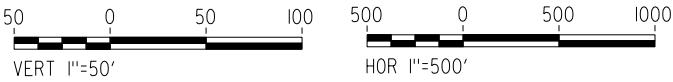
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PLAN



PROFILE



A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE R. PRUST
DATE 01/29/10



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
EAST BYPASS OF CORCORAN
ALIGNMENT CTT1C
CH. 3080+00 TO 3138+75

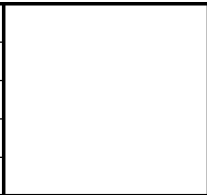
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



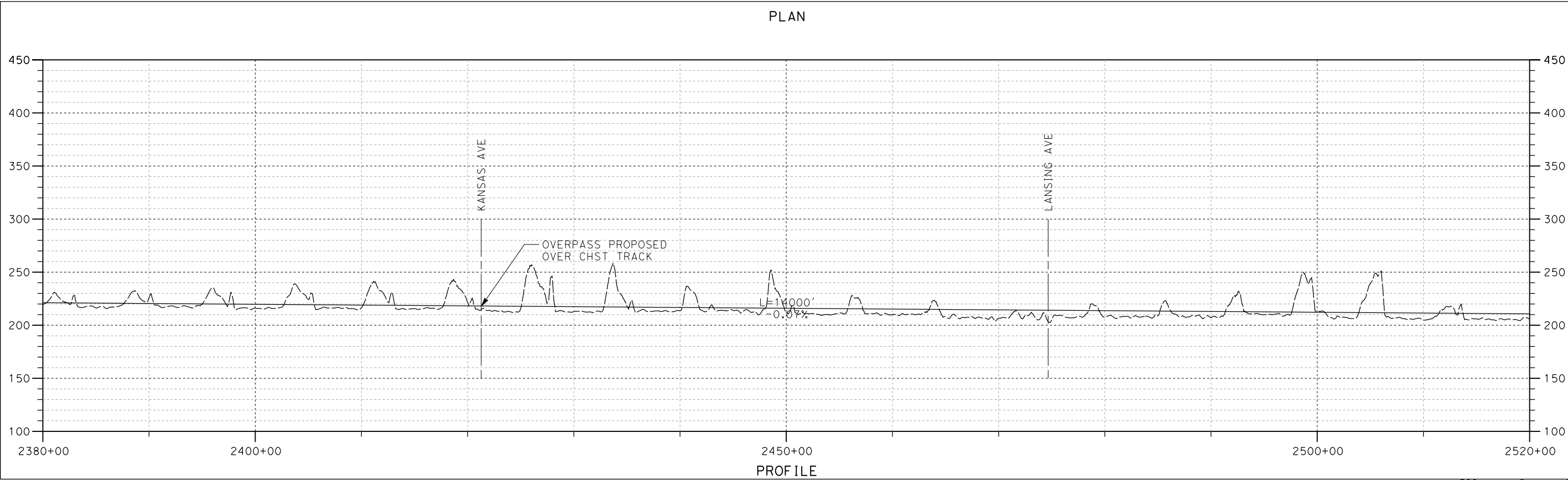
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FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
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ALIGNMENT CTT1D
KEY PLAN

CONTRACT NO. C-0-0000
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SCALE 1" = 5000'
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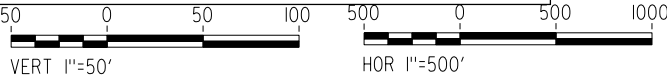
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PLAN



PROFILE



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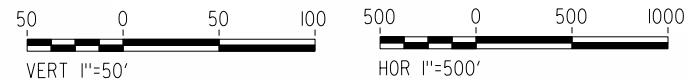
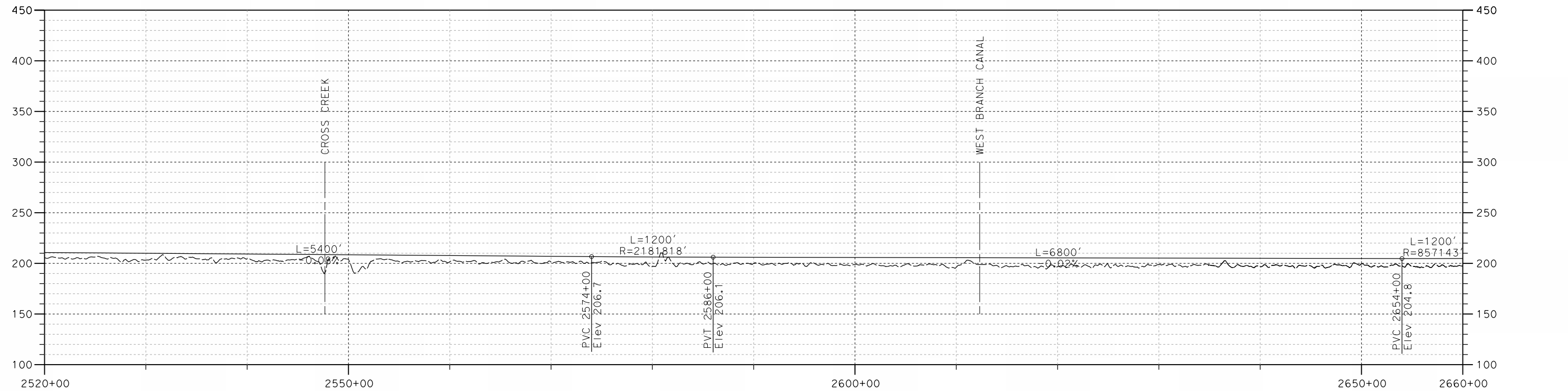
DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
ELEVATED EAST OF BNSF SHARED R/W
ALIGNMENT CTT1D
CH. 2380+00 TO 2520+00

CONTRACT NO. C-0-0000
DRAWING NO. C2823
SCALE AS SHOWN
SHEET NO. 2 OF 7

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29/01/2010 15:53:10
michael.jones



REV	DATE	BY	CHK	APP	DESCRIPTION
A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT

DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



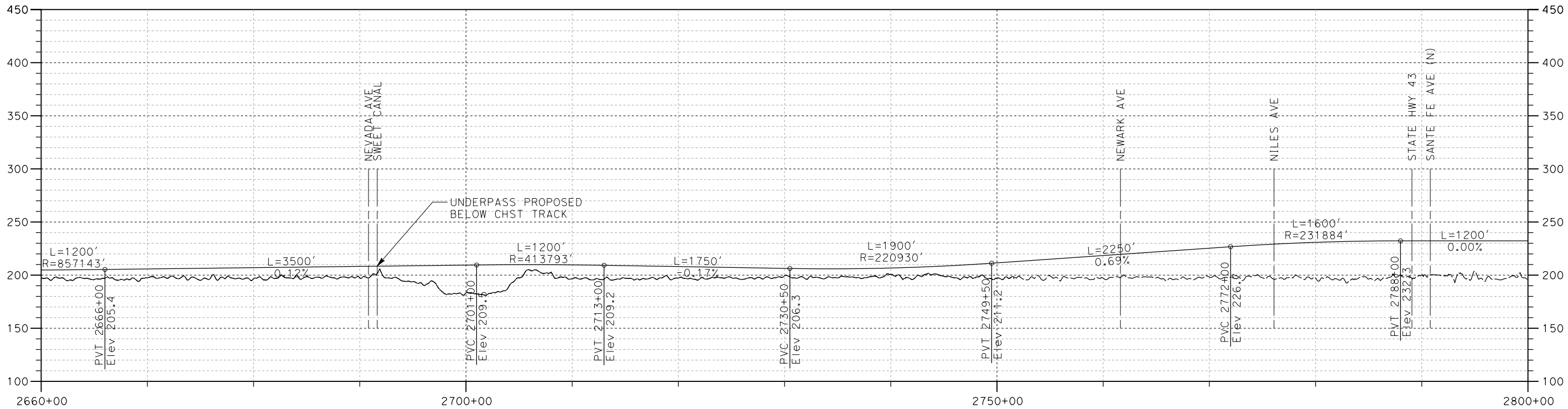
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FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
ELEVATED EAST OF BNSF SHARED R/W
ALIGNMENT CTT1D
CH. 2520+00 TO 2660+00

CONTRACT NO. C-0-0000
DRAWING NO. C2824
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SHEET NO. 3 OF 7

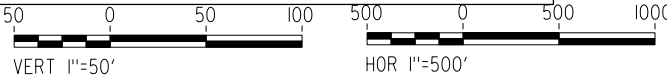
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PLAN



PROFILE



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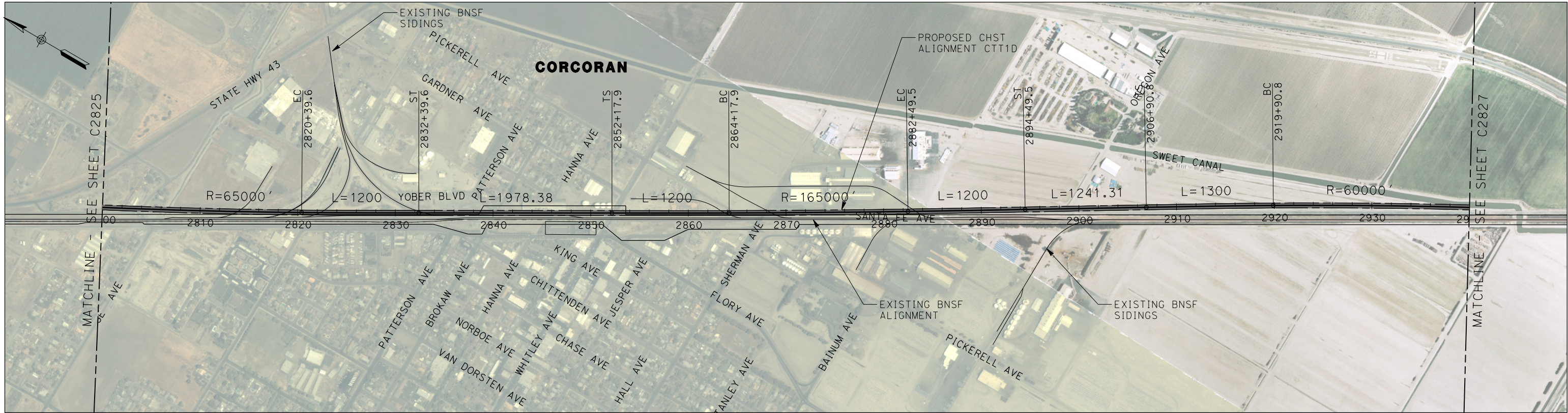
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



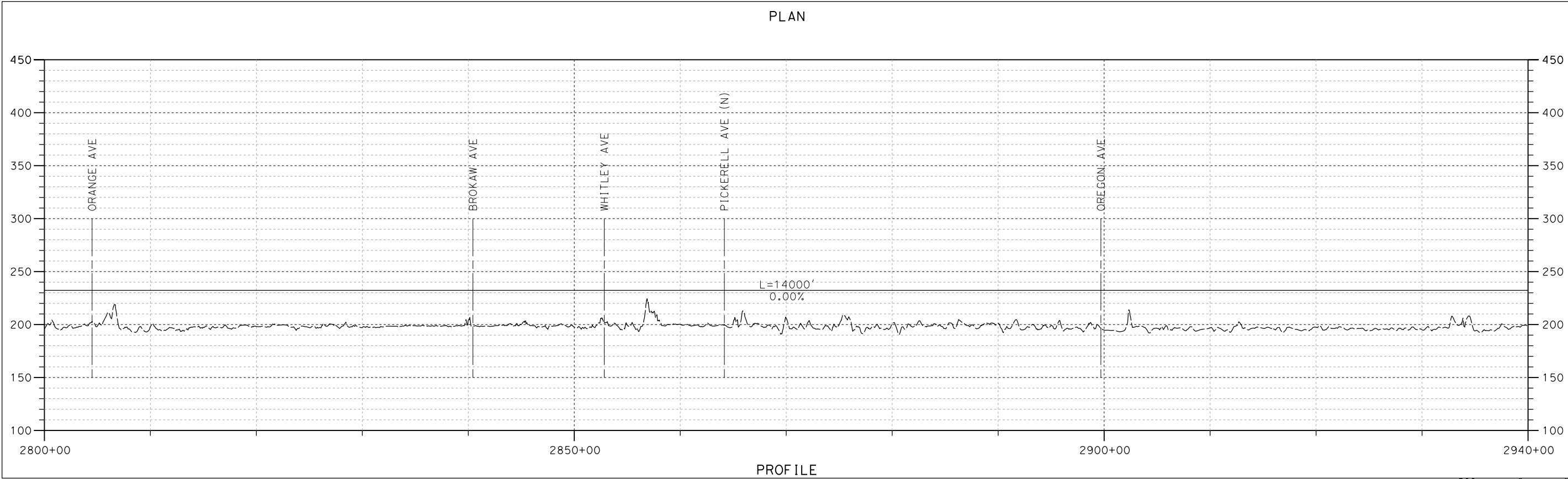
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FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
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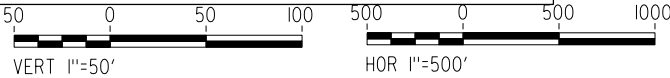
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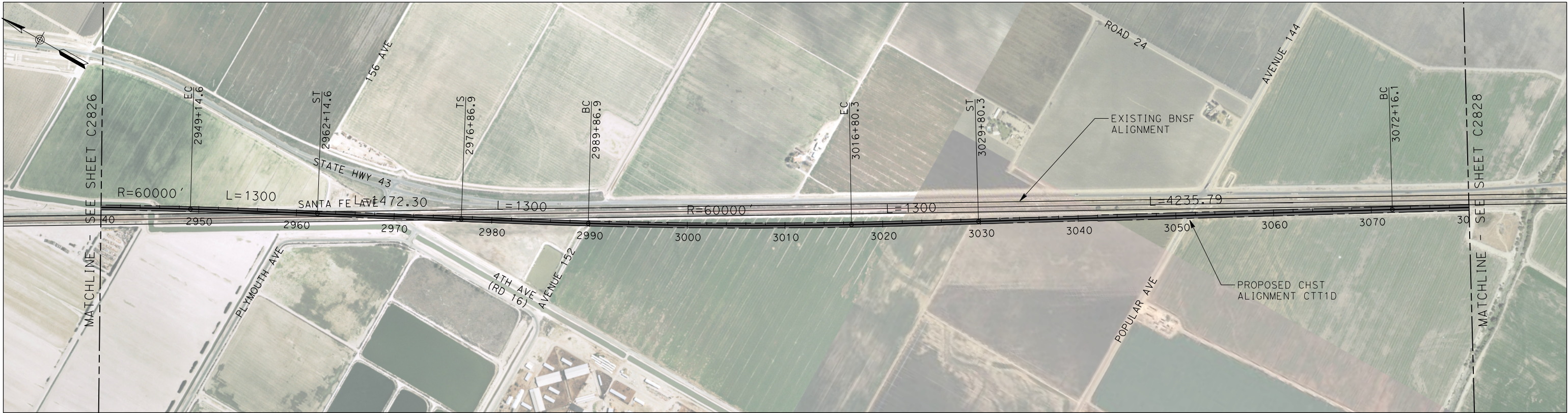
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
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DATE 01/29/10



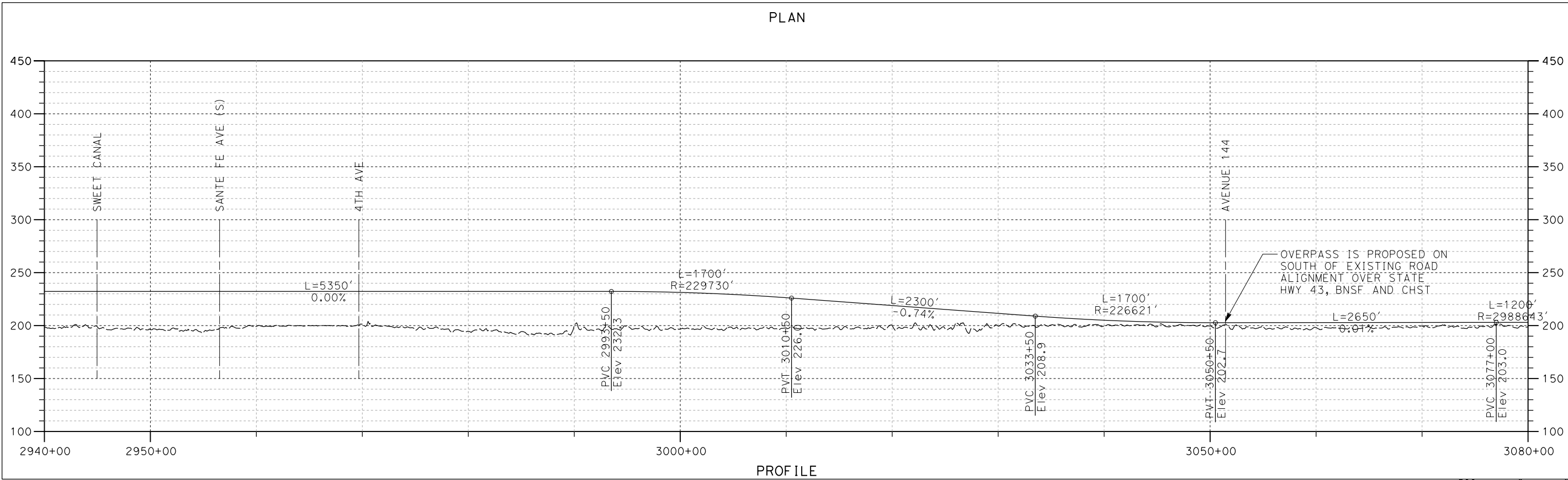
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ALIGNMENT CTT1D
CH. 2800+00 TO 2940+00

CONTRACT NO. C-0-0000
DRAWING NO. C2826
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SHEET NO. 5 OF 7

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REV	DATE	BY	CHK	APP	DESCRIPTION

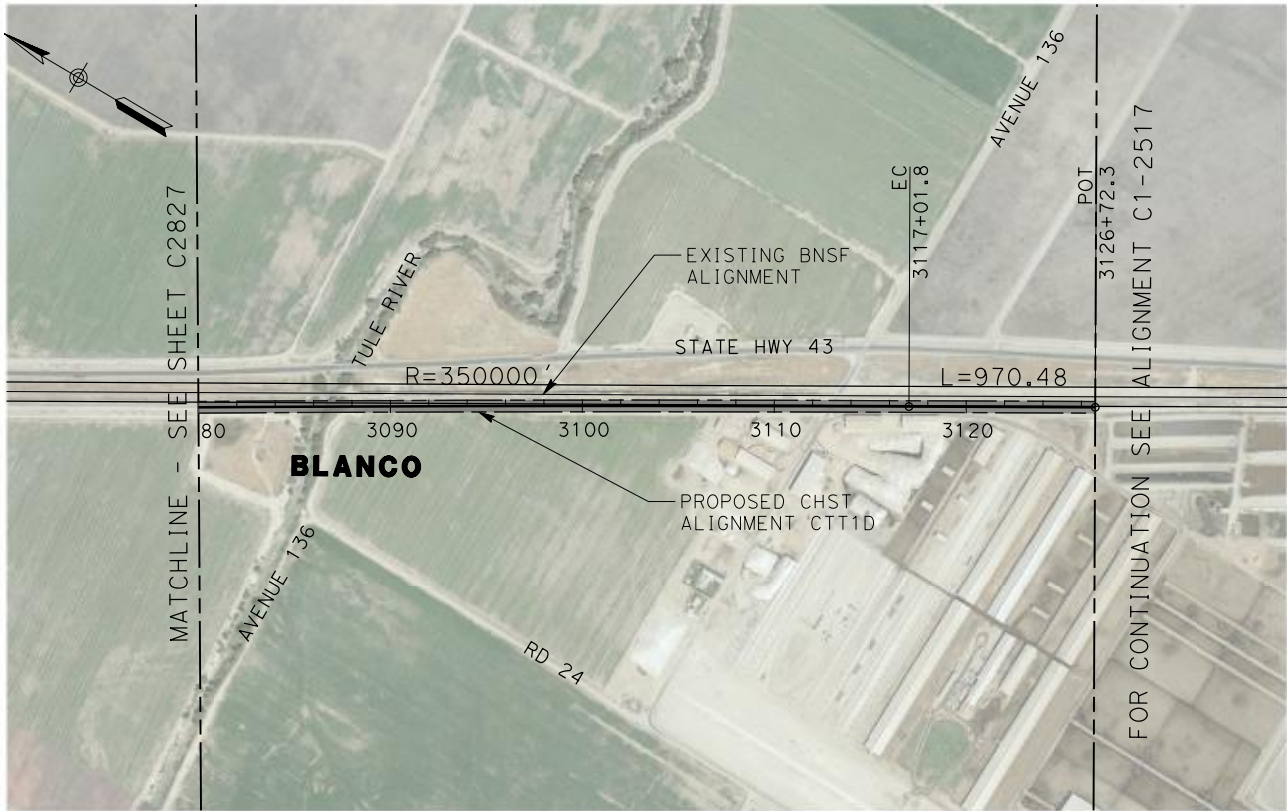
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



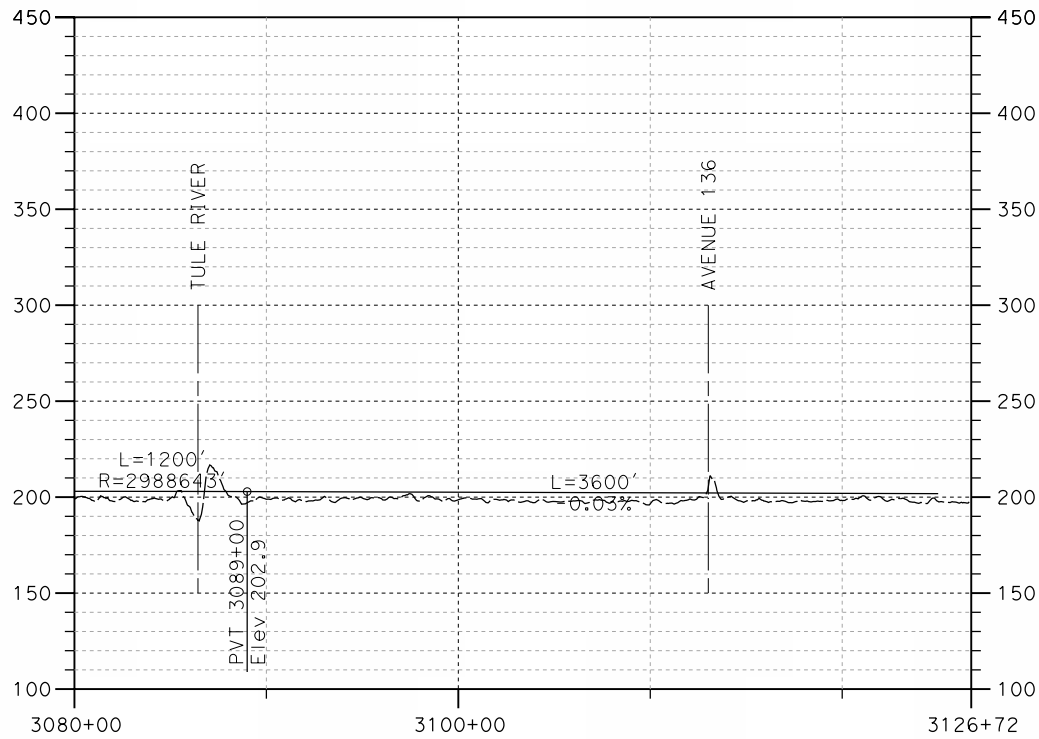
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FRESNO TO BAKERSFIELD
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CH. 2940+00 TO 3080+00

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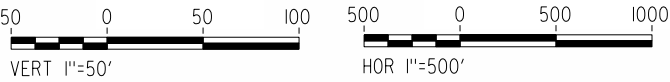
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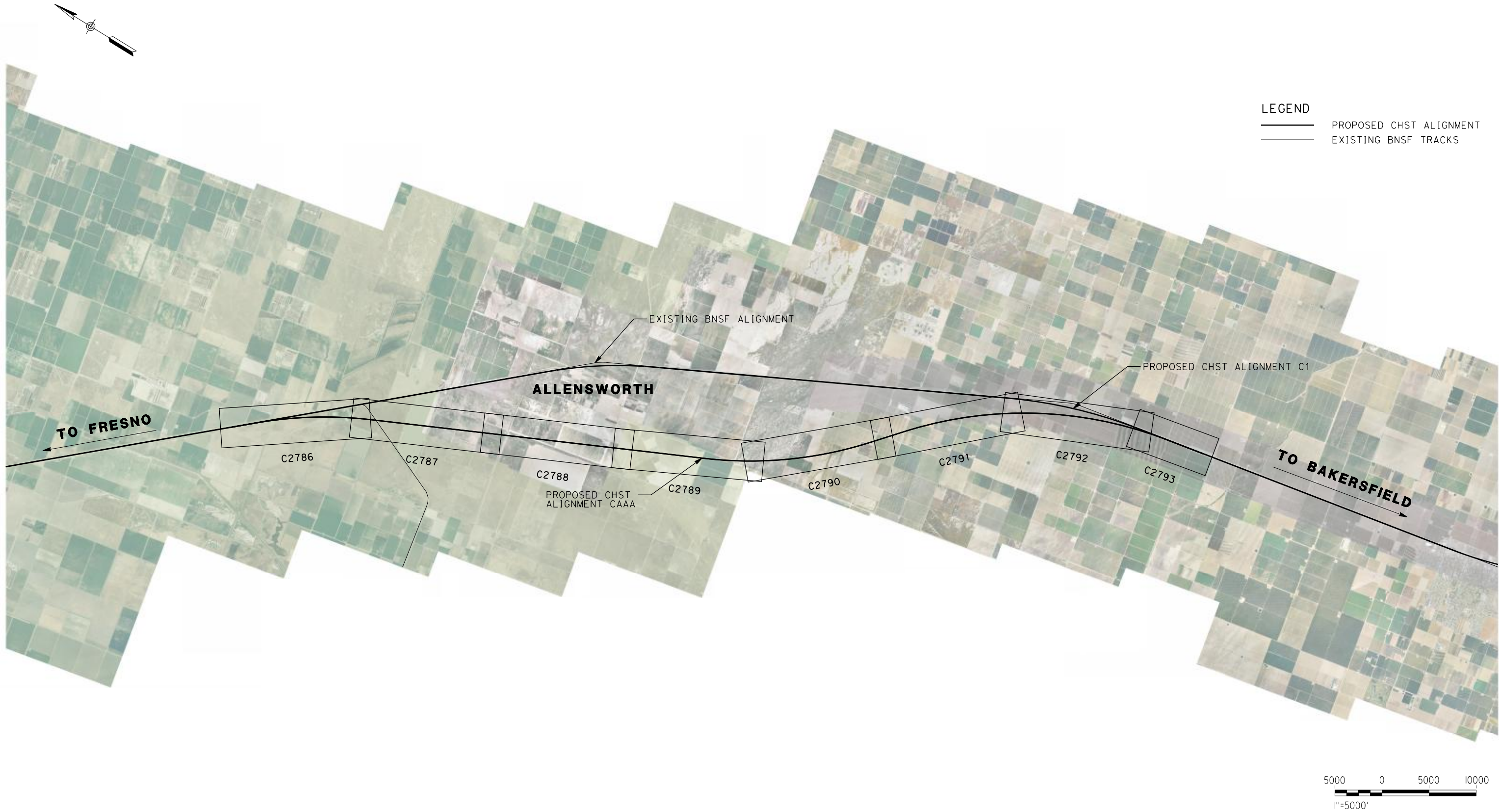
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
ELEVATED EAST OF BNSF SHARED R/W
ALIGNMENT CTT1D
CH. 3080+00 TO 3126+72

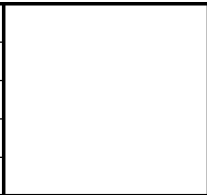
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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



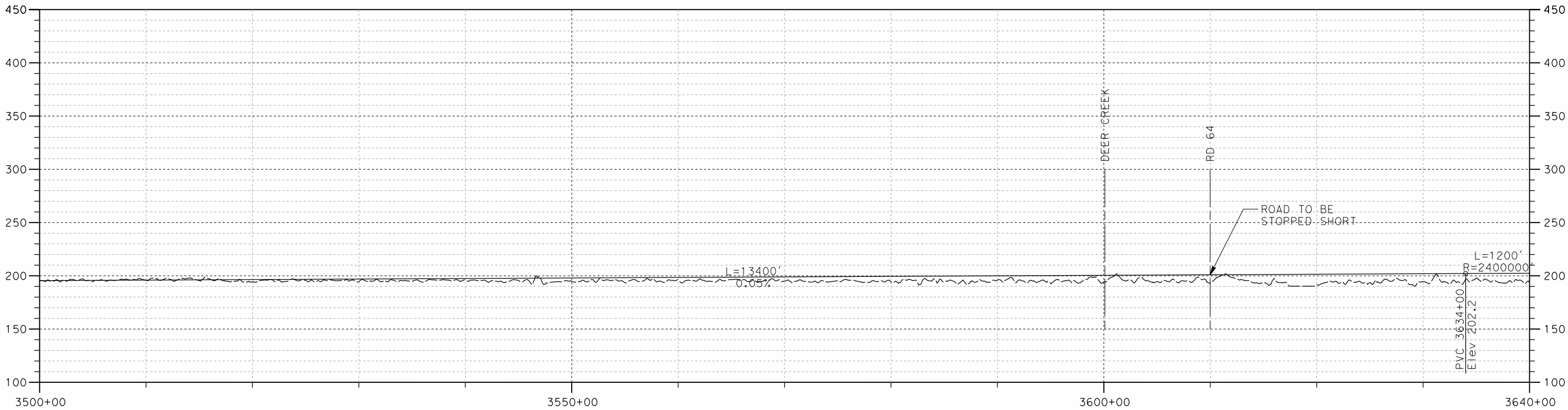
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FRESNO TO BAKERSFIELD
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ALLENSWORTH AVOIDANCE WEST SIDE HANFORD
ALIGNMENT CAAA
KEY PLAN

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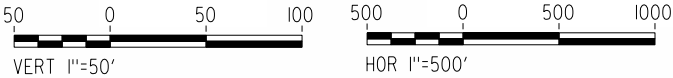
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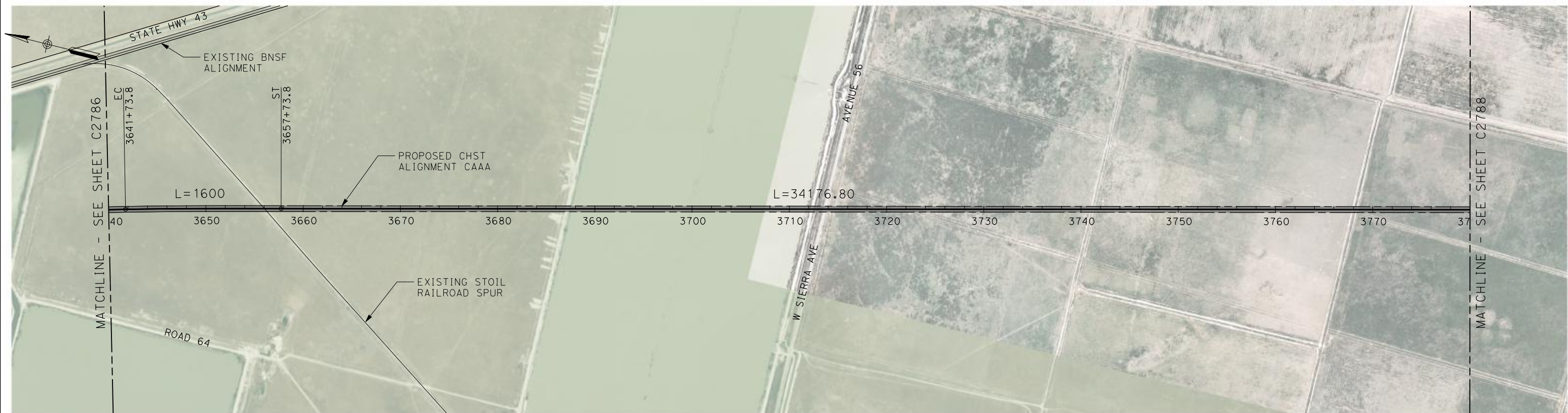
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



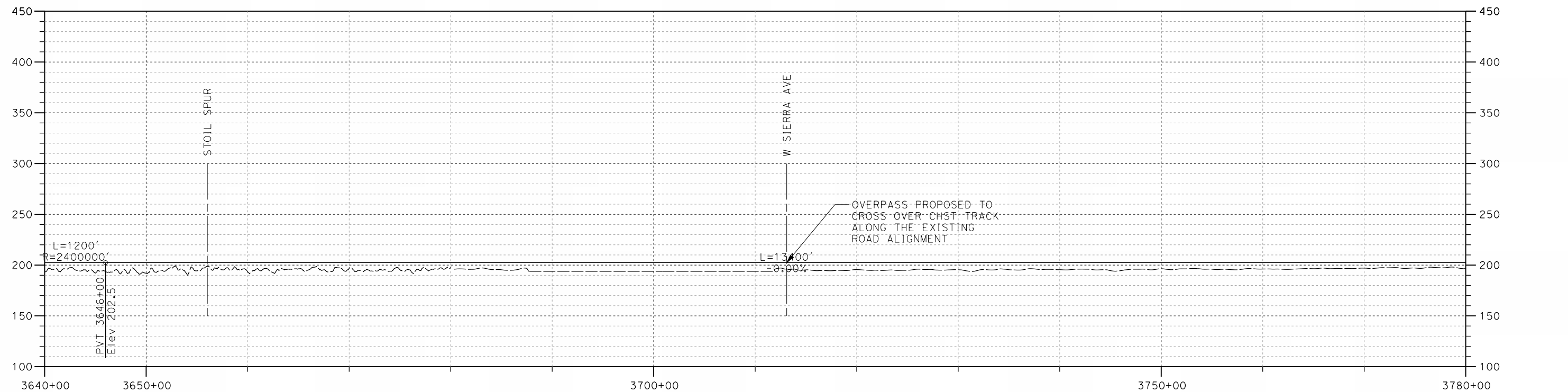
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FRESNO TO BAKERSFIELD**
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ALLENSWORTH AVOIDANCE WEST SIDE - HANFORD
ALIGNMENT CAAA
STA 3500+00 TO 3640+00

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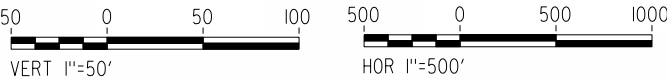
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PLAN



PROFILE



A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
ALLENSWORTH AVOIDANCE WEST SIDE - HANFORD
ALIGNMENT CAAA
STA 3640+00 TO 3780+00

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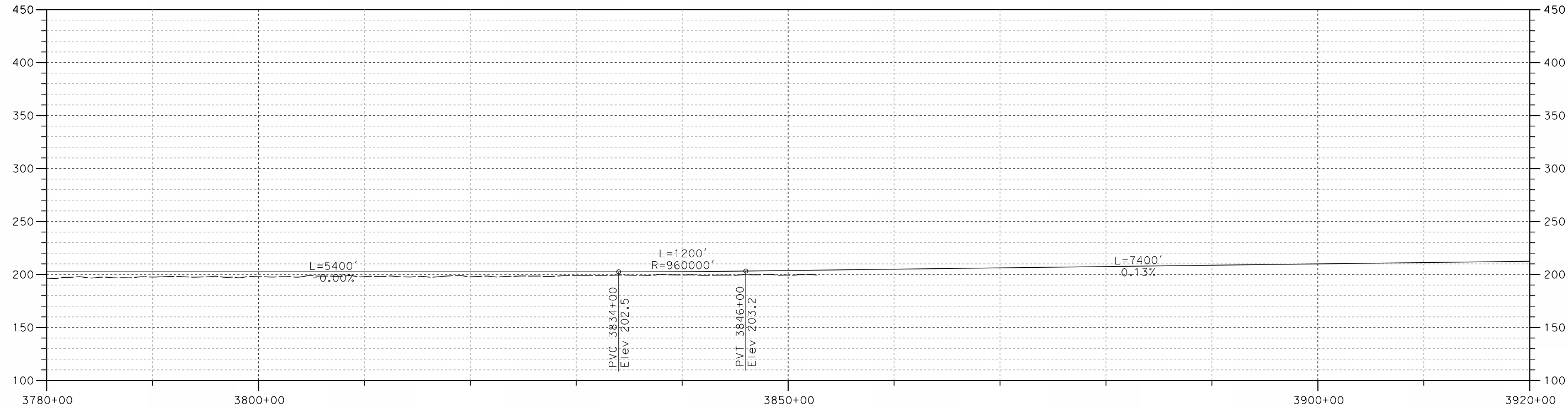
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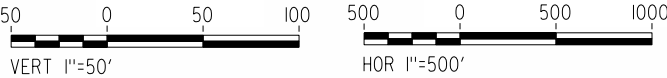
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PROFILE



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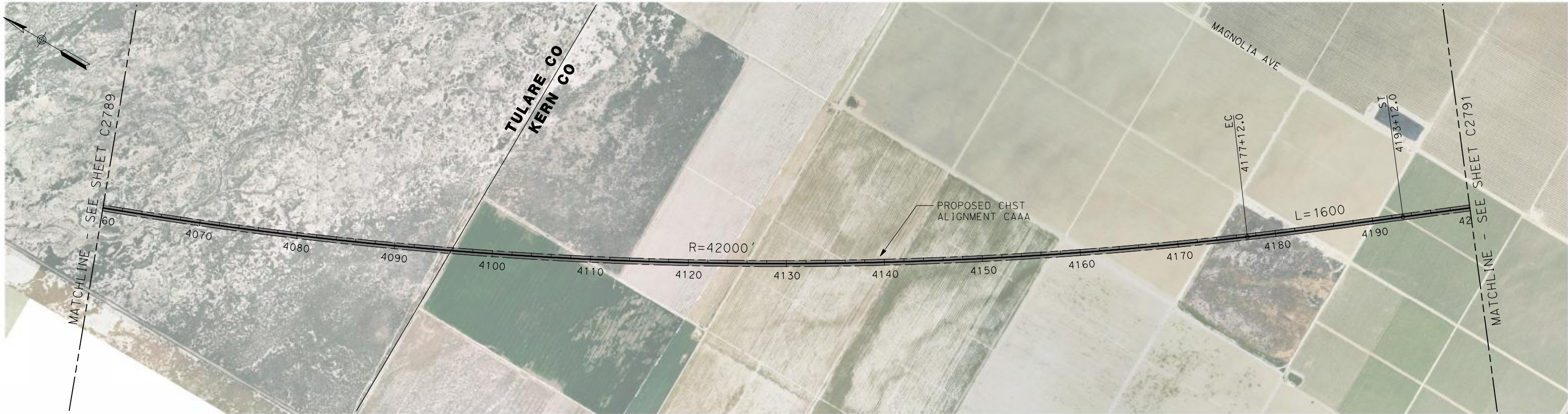
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



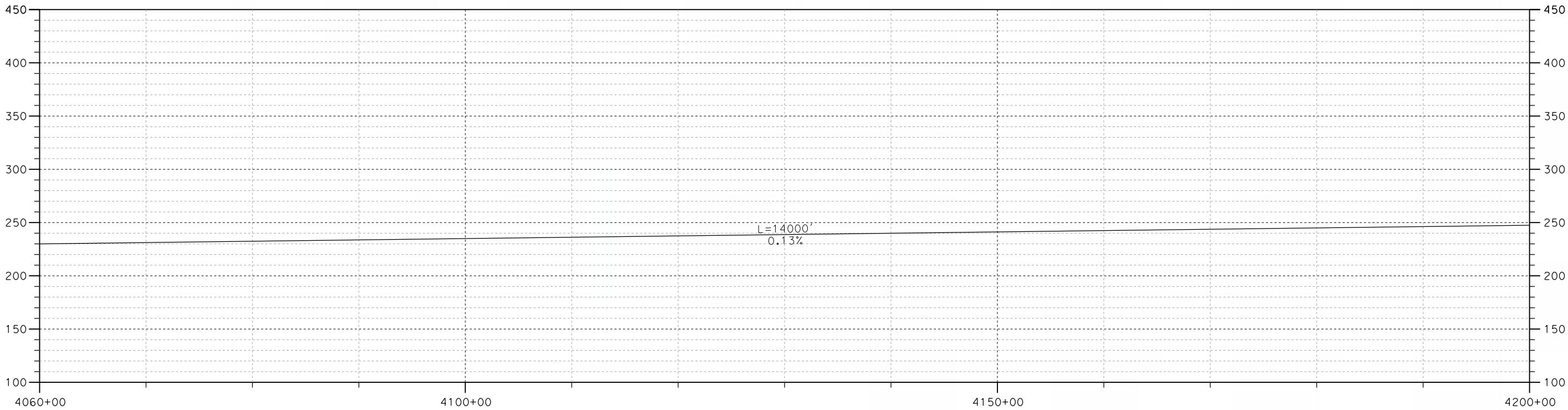
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FRESNO TO BAKERSFIELD
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ALLENSWORTH AVOIDANCE WEST SIDE - HANFORD
ALIGNMENT CAAA
STA 3780+00 TO 3920+00

CONTRACT NO. C-0-0000
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PLAN



PROFILE



A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



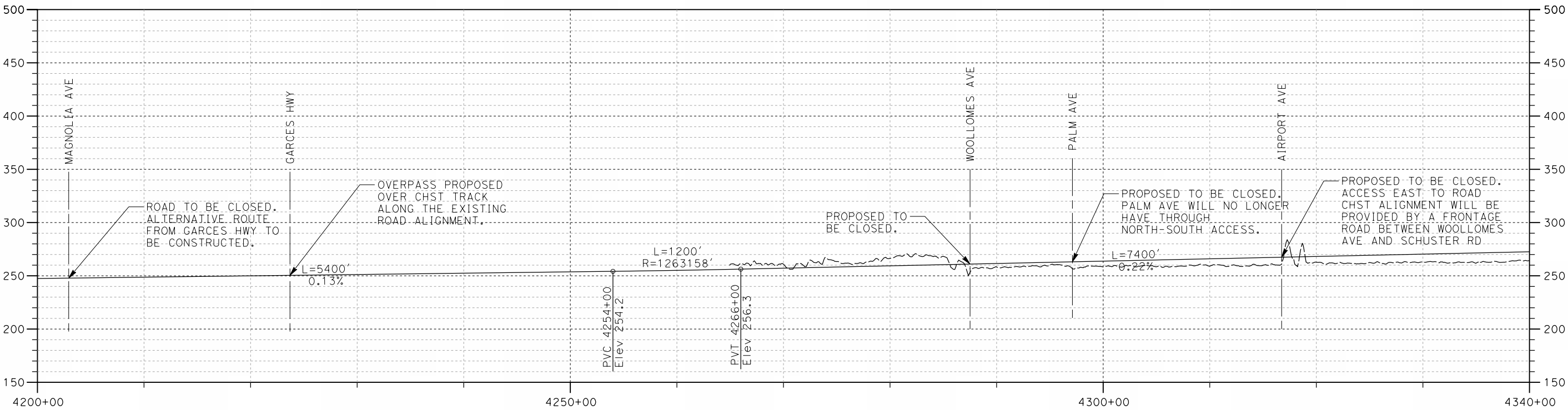
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ALIGNMENT CAAA
STA 4060+00 TO 4200+00

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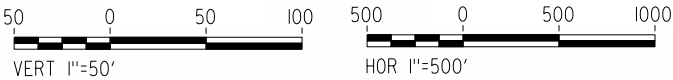
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PLAN



PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



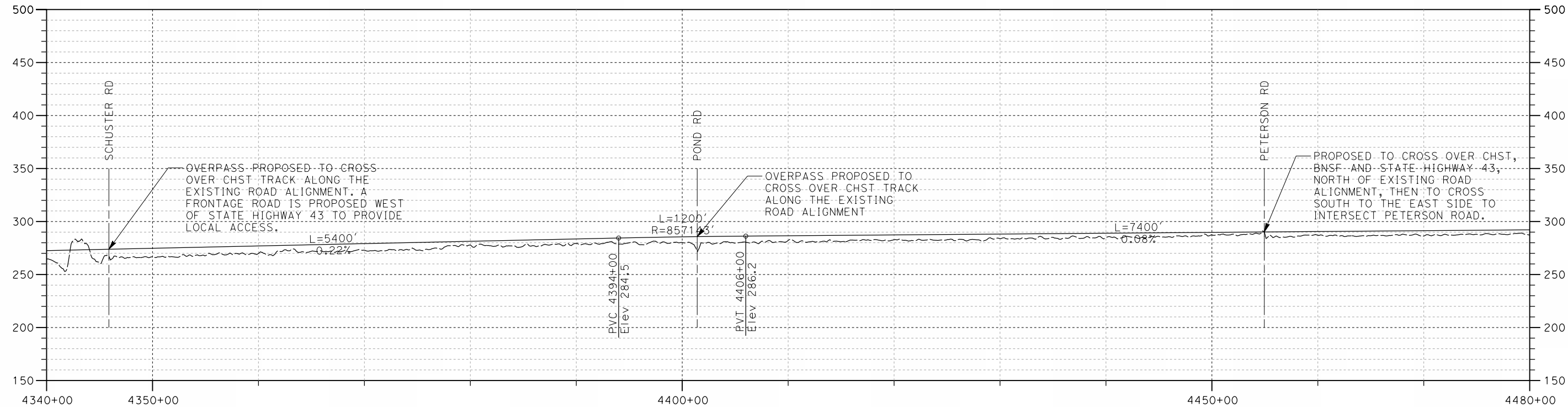
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ALIGNMENT CAAA
STA 4200+00 TO 4340+00

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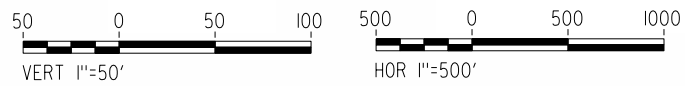
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PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



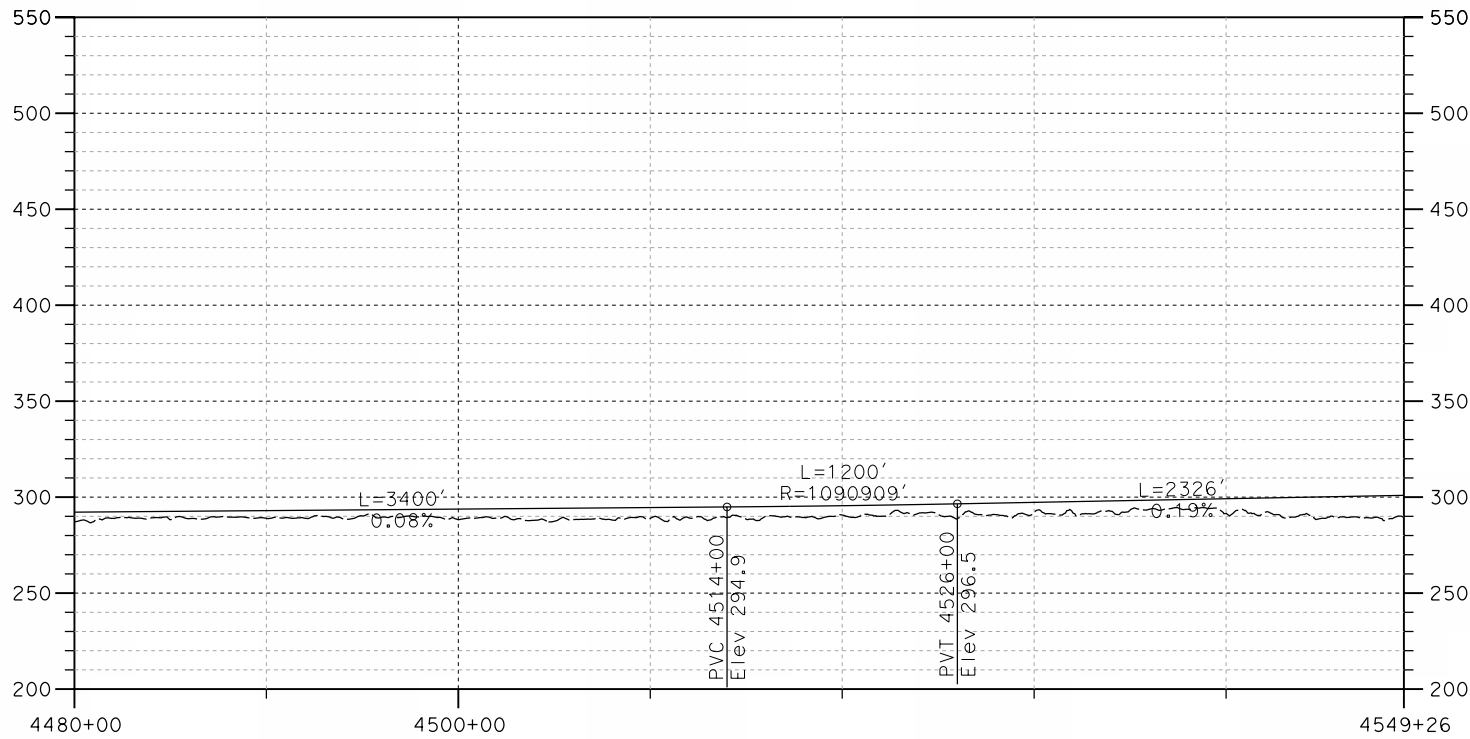
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CH. 4340+00 TO 4480+00

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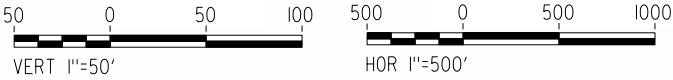
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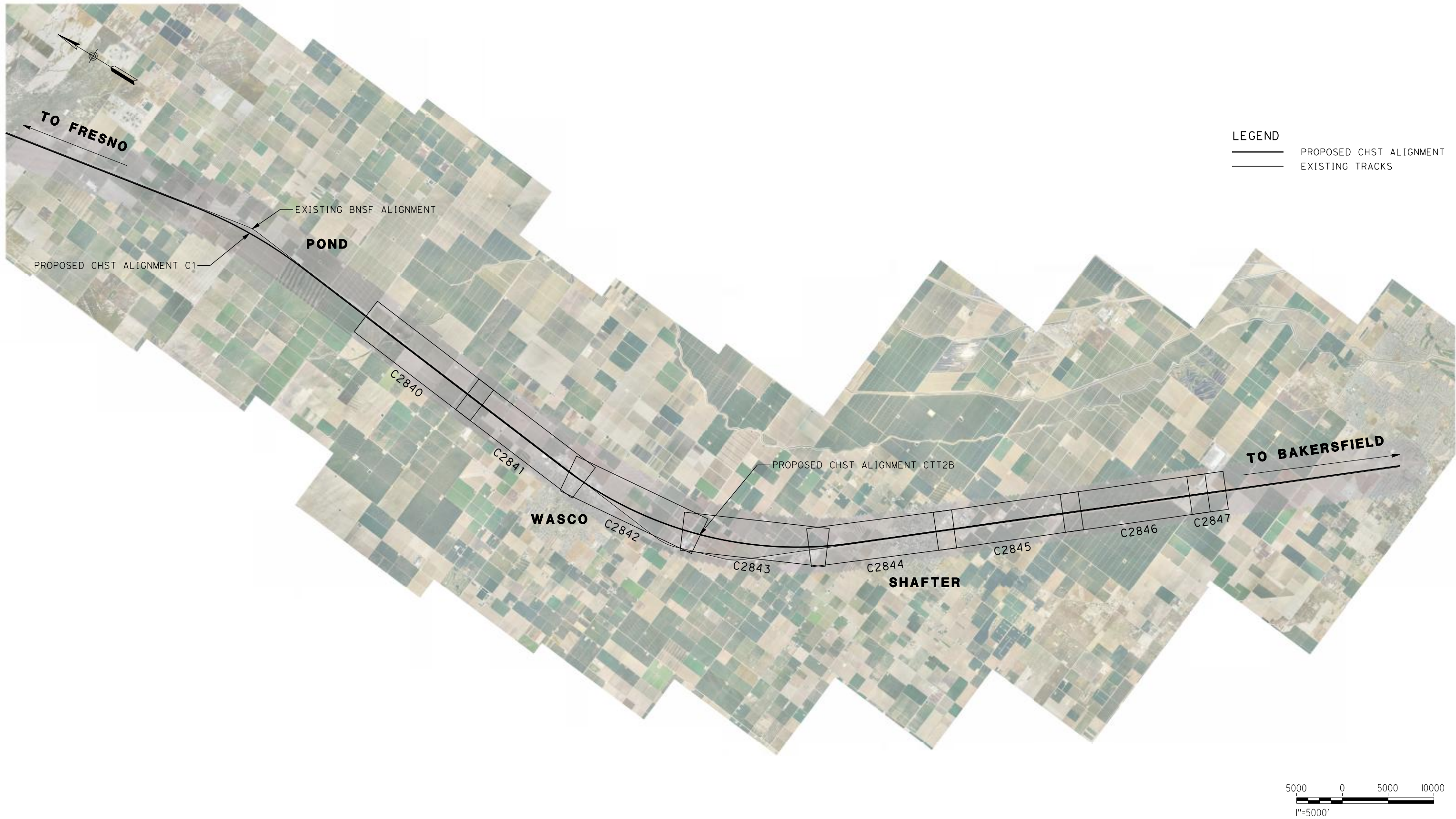
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DATE 01/29/10



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
ALLENSWORTH AVOIDANCE WEST SIDE - HANFORD
ALIGNMENT CAAA
CH. 4480+00 TO 4549+26

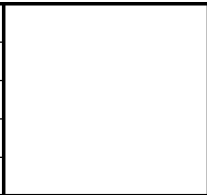
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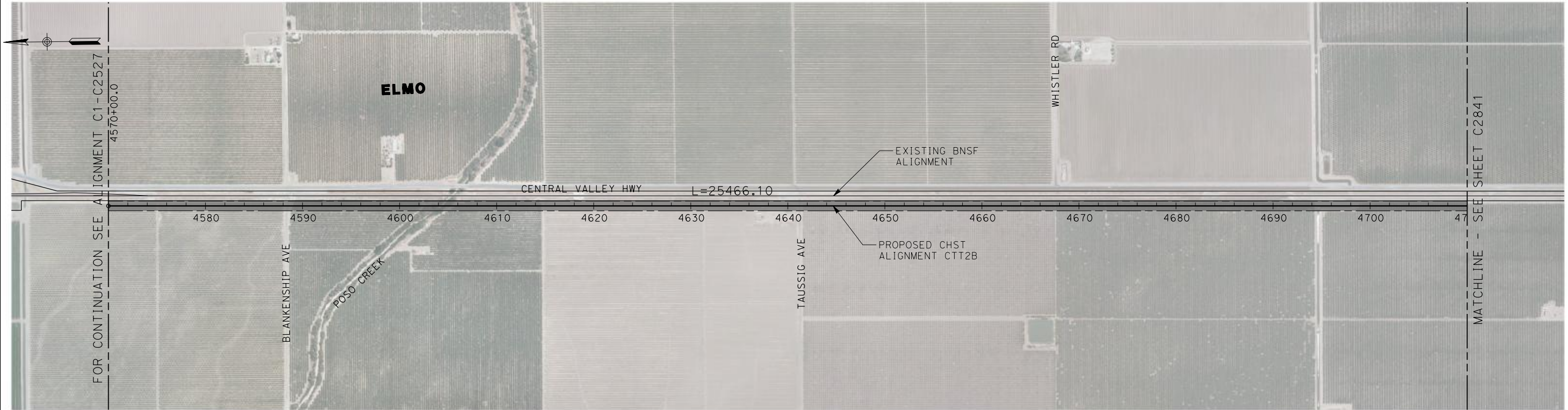
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DATE 01/29/10



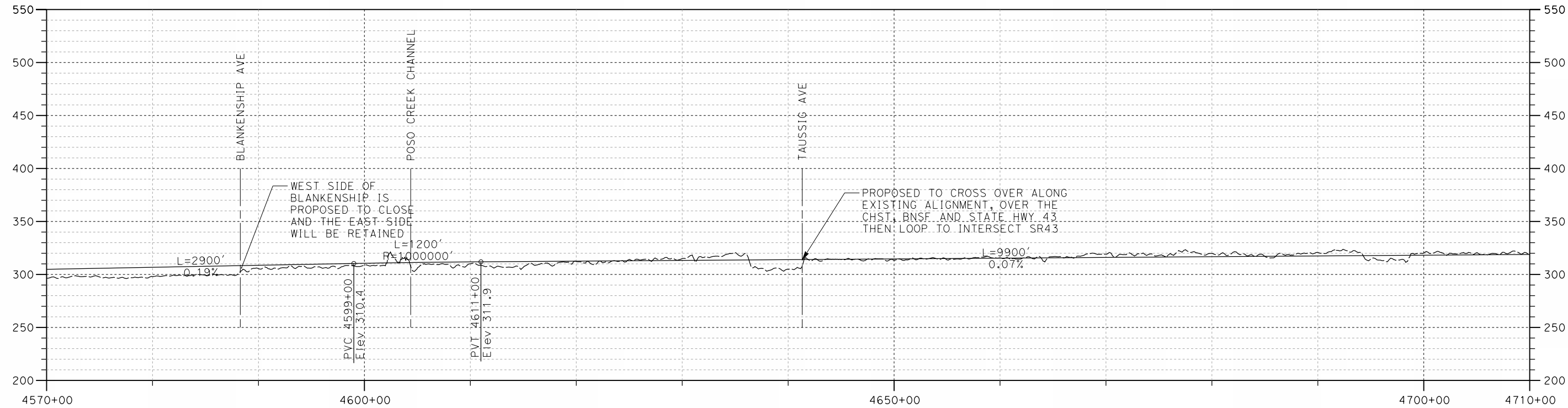
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ALIGNMENT CTT2B
KEY PLAN

CONTRACT NO. C-0-0000
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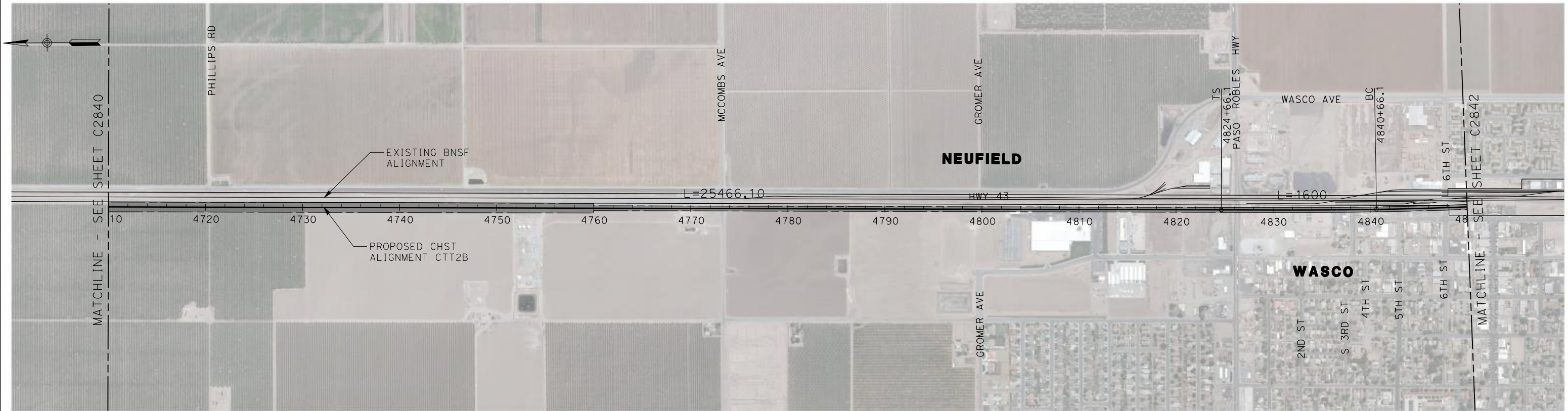
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DATE 01/29/10



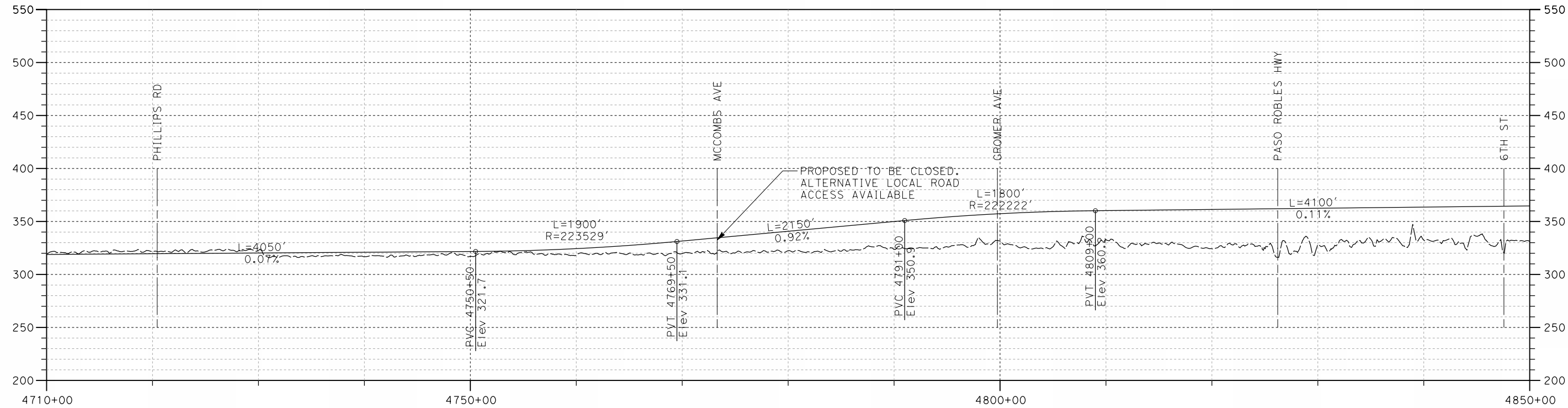
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ALIGNMENT CTT2B
STA 4570+00 TO 4710+00

CONTRACT NO. C-0-0000
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PLAN



PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



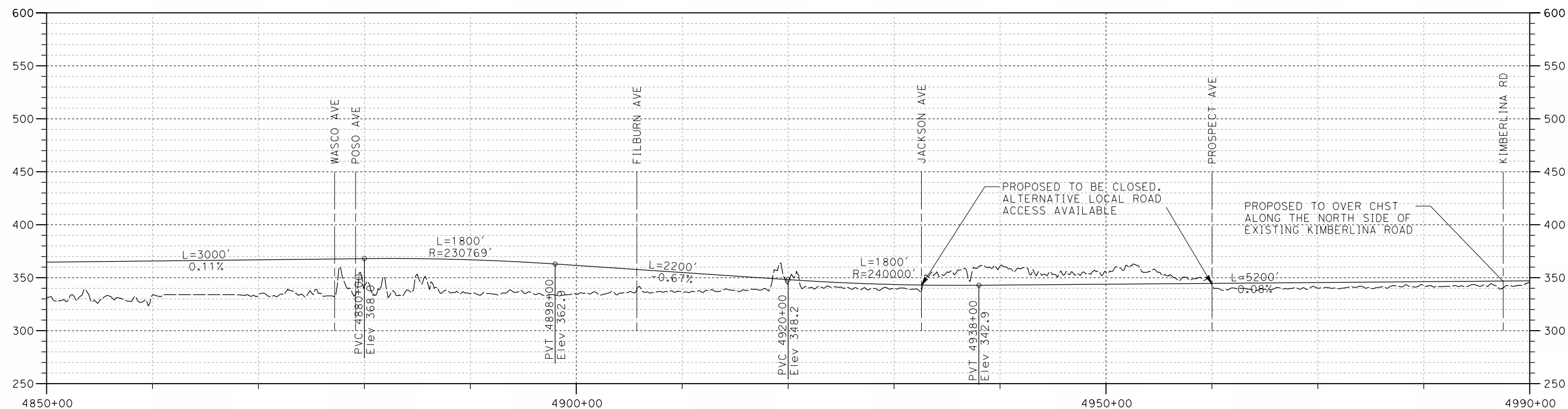
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WASCO AND SHAFTER ELEVATED SEPARATE R/W
ALIGNMENT CTT2B
STA 4710+00 TO 4850+00

CONTRACT NO. C-0-0000
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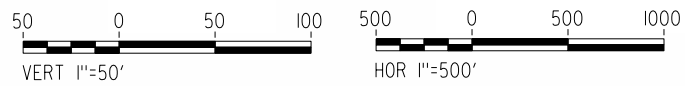
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PROFILE



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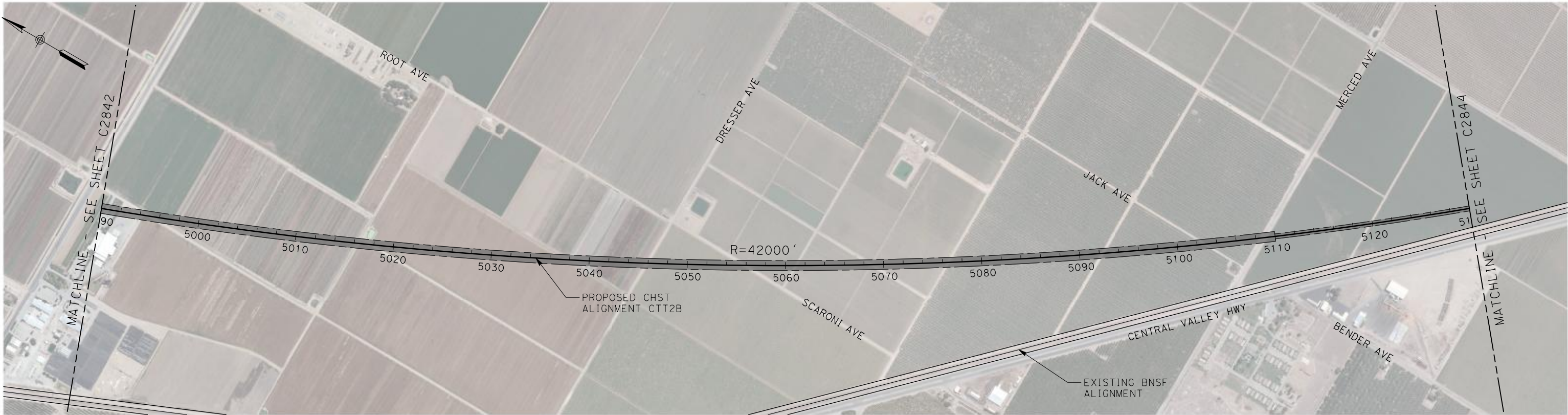
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DATE 01/29/10



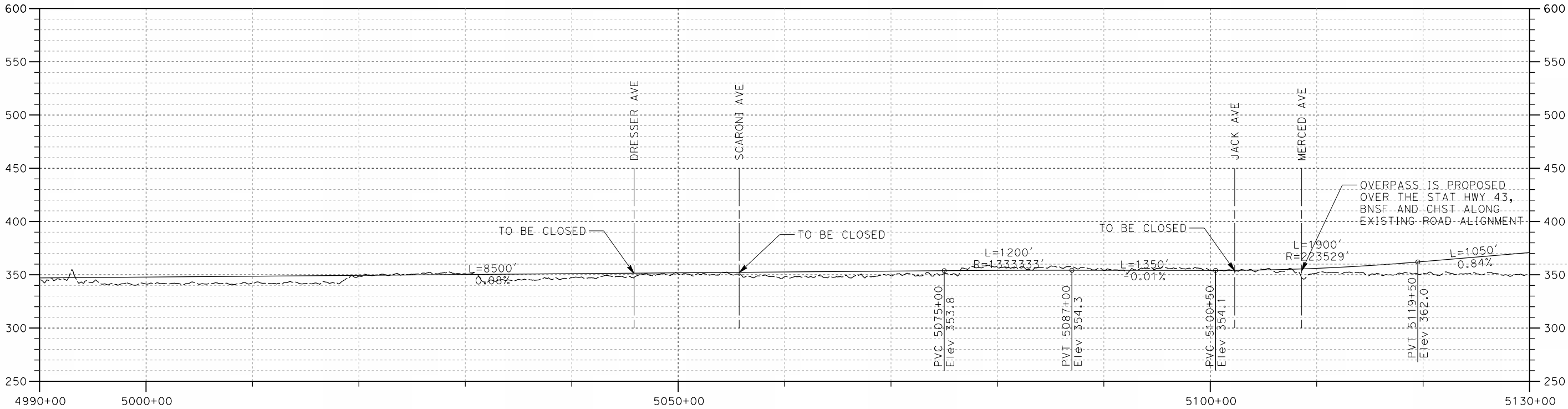
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FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
WASCO AND SHAFTER ELEVATED SEPARATE R/W
ALIGNMENT CTT2B
STA 4850+00 TO 4990+00

CONTRACT NO. C-0-0000
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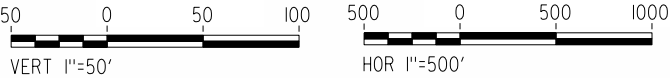
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michael.jones



PLAN



PROFILE



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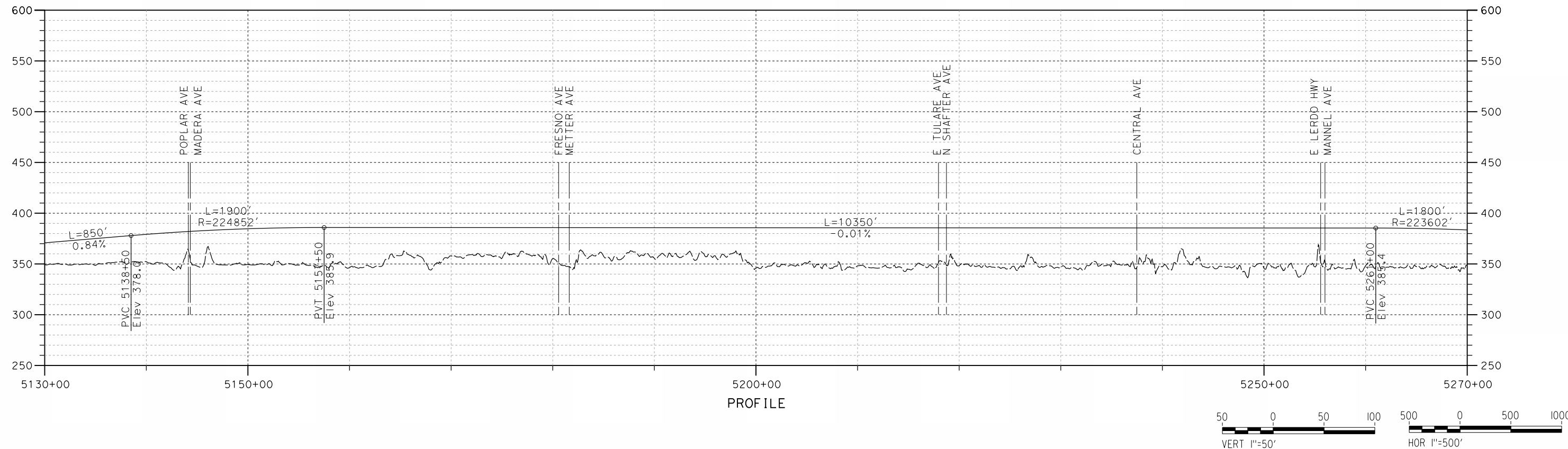
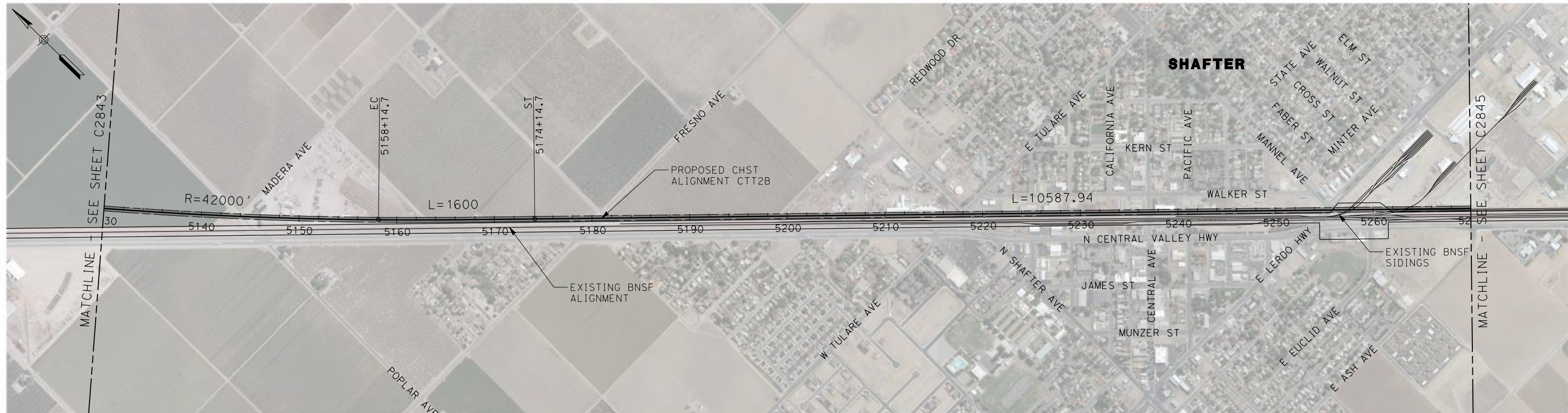
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CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
WASCO AND SHAFTER ELEVATED SEPARATE R/W
ALIGNMENT CTT2B
STA 4990+00 TO 5130+00

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michael.jones



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REV	DATE	BY	CHK	APP	DESCRIPTION

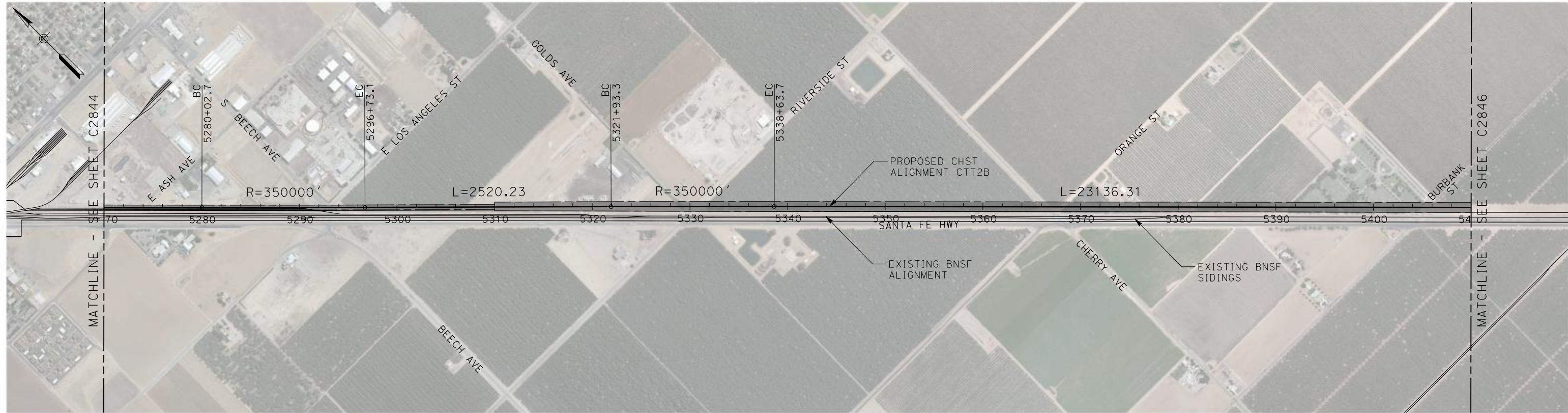
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



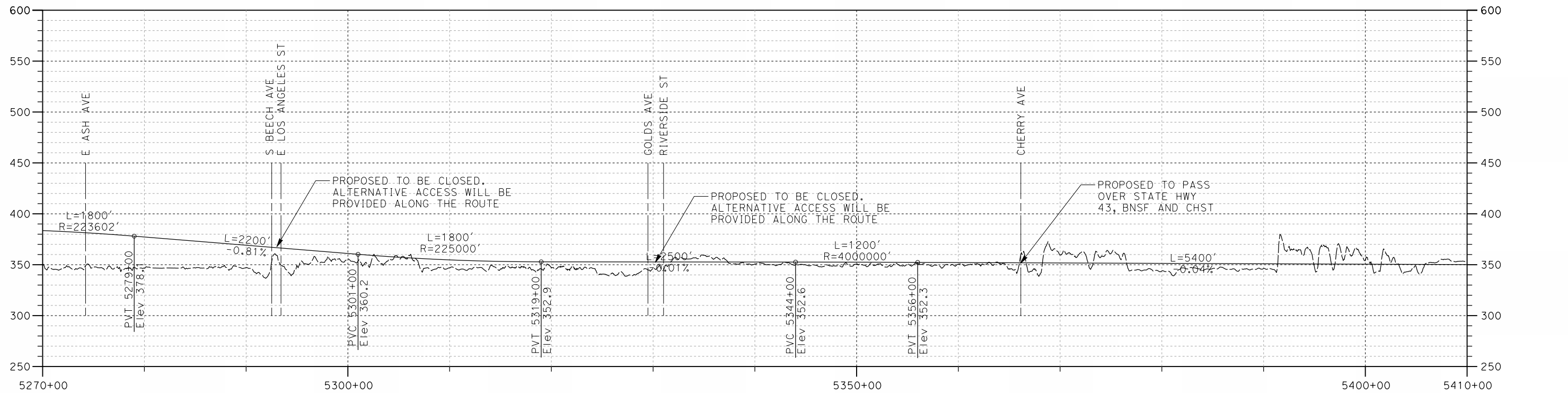
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FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
WASCO AND SHAFTER ELEVATED SEPARATE R/W
ALIGNMENT CTT2B
STA 5130+00 TO 5270+00

CONTRACT NO. C-0-0000
DRAWING NO. C2844
SCALE AS SHOWN
SHEET NO. 6 OF 9

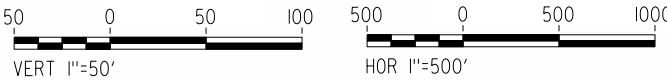
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michael.jones



PLAN



PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

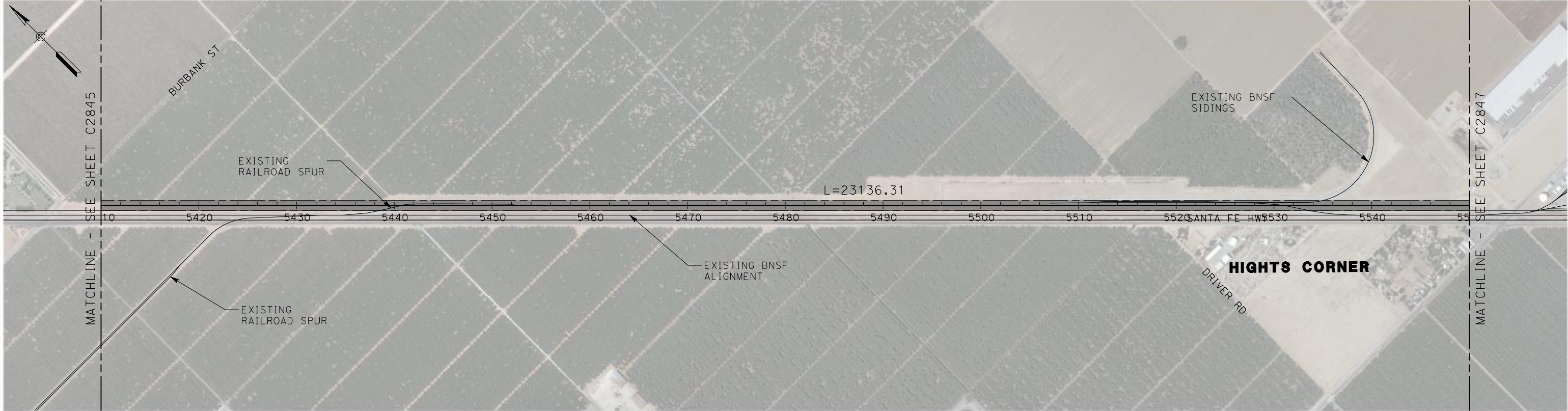
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



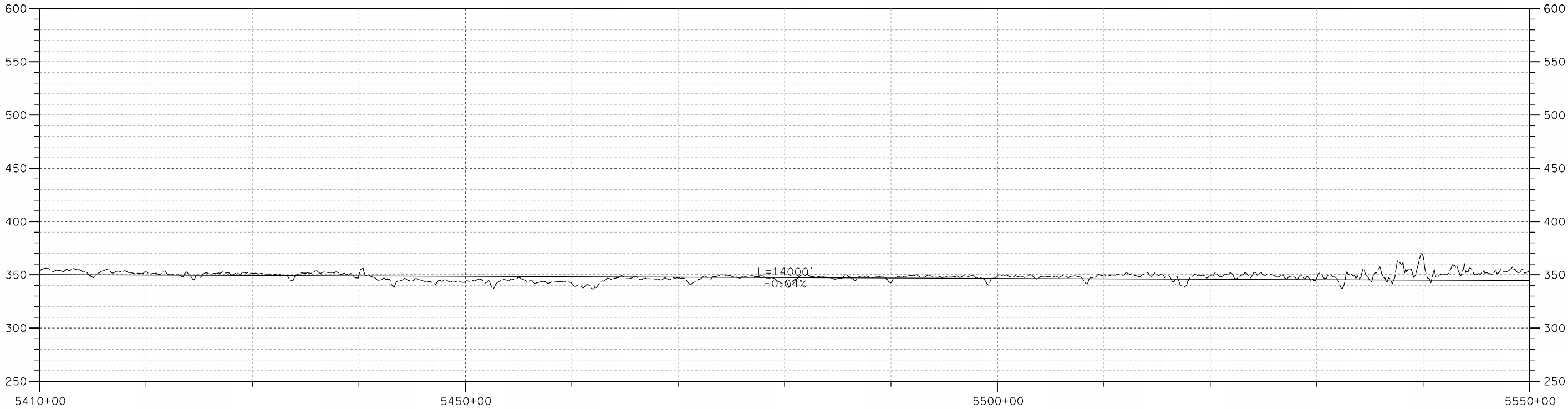
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FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
WASCO AND SHAFTER ELEVATED SEPARATE R/W
ALIGNMENT CTT2B
STA 5270+00 TO 5410+00

CONTRACT NO. C-0-0000
DRAWING NO. C2845
SCALE AS SHOWN
SHEET NO. 7 OF 9

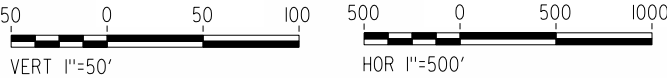
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PLAN



PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

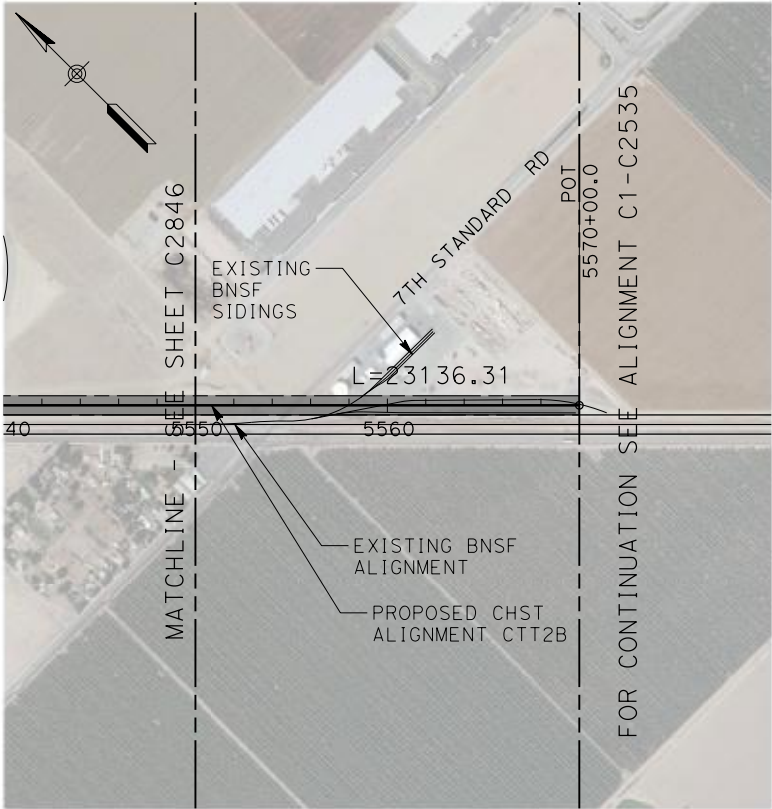
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



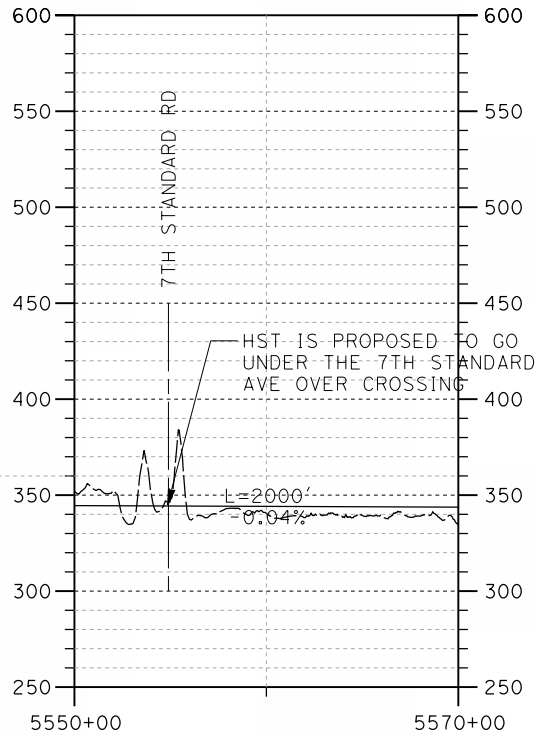
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FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
WASCO AND SHAFTER ELEVATED SEPARATE R/W
ALIGNMENT CTT2B
STA 5410+00 TO 5550+00

CONTRACT NO. C-0-0000
DRAWING NO. C2846
SCALE AS SHOWN
SHEET NO. 8 OF 9

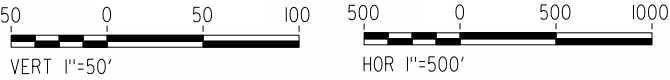
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PLAN



PROFILE



A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY M. INKSTER
DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
WASCO AND SHAFTER ELEVATED SEPARATE R/W
ALIGNMENT CTT2B
STA 5550+00 TO 5570+00

CONTRACT NO. C-0-0000
DRAWING NO. C2847
SCALE AS SHOWN
SHEET NO. 9 OF 9

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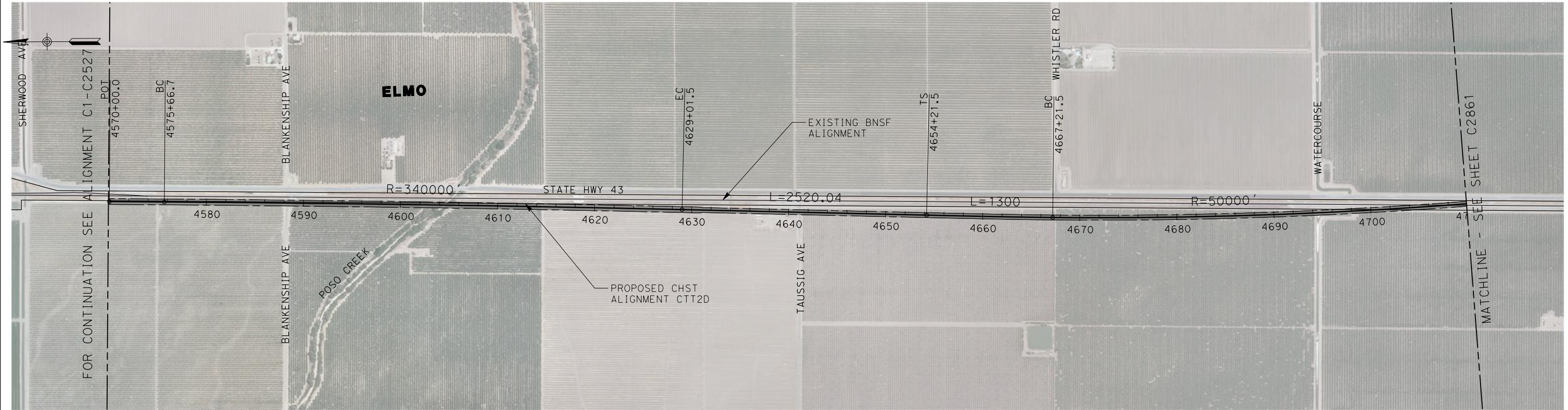
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



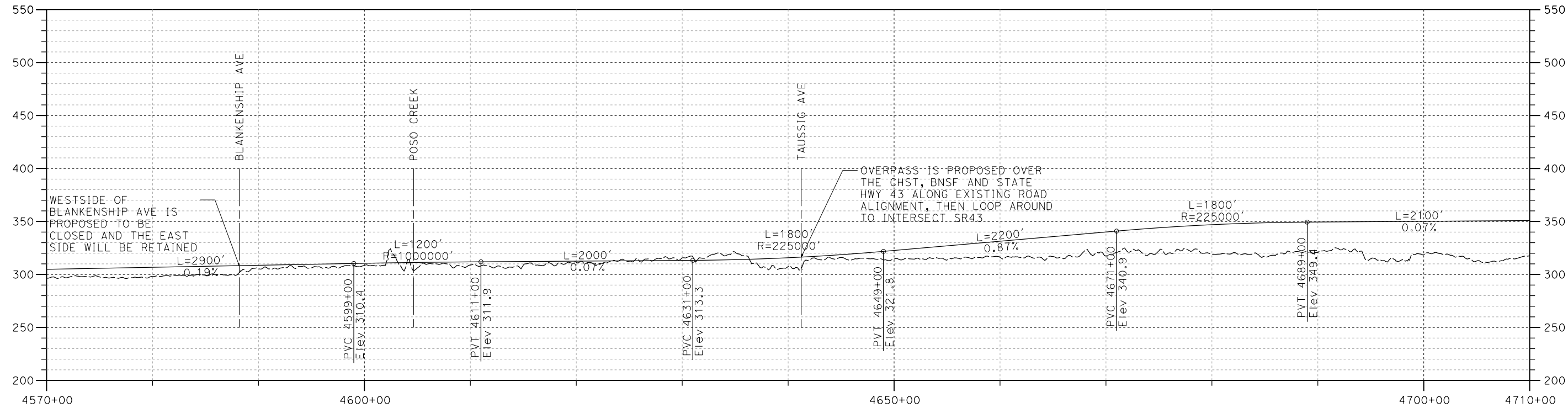
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FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
EAST BYPASS OF WASCO AND SHAFTER
ALIGNMENT CTT2D
KEY PLAN

CONTRACT NO. C-0-0000
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SHEET NO. 1 OF 8

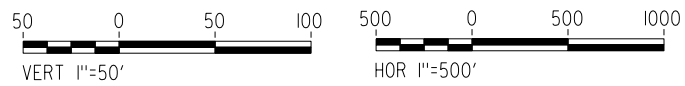
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PLAN



PROFILE



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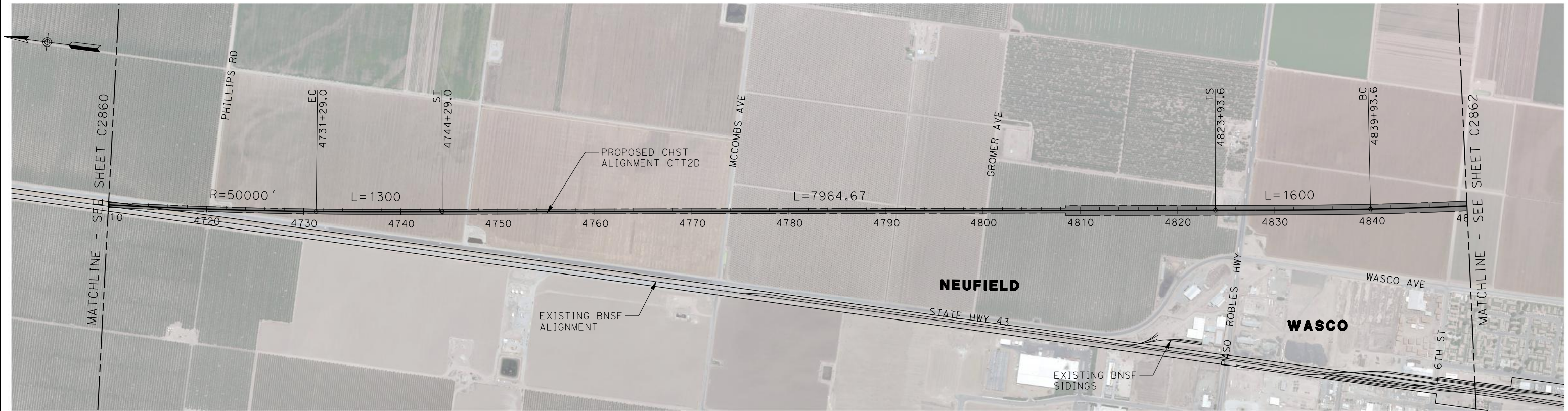
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



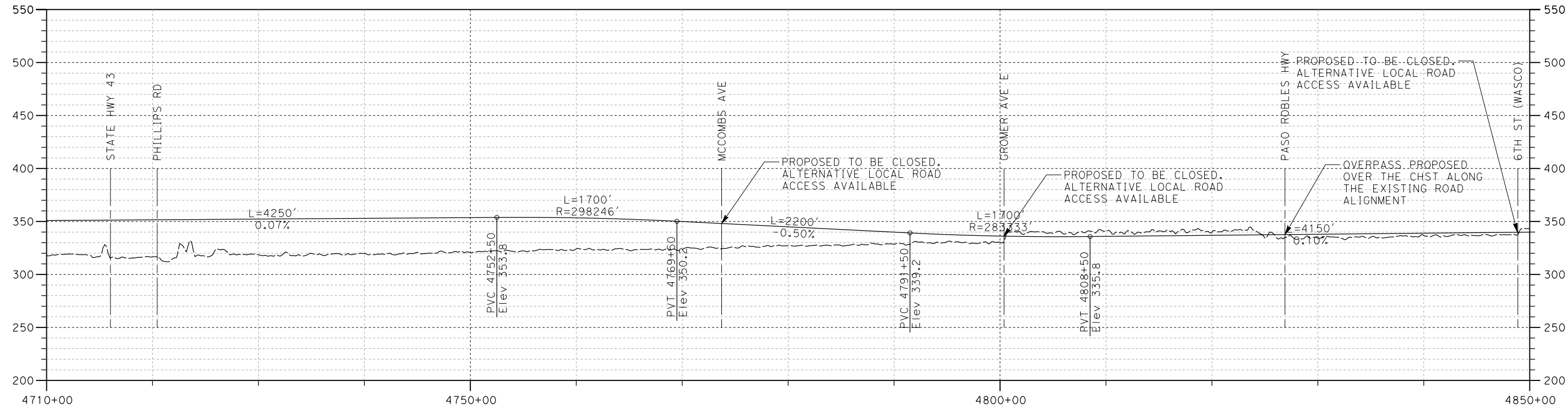
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FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
EAST BYPASS OF WASCO AND SHAFTER
ALIGNMENT CTT2D
STA 4570+00 TO 4710+00

CONTRACT NO. C-0-0000
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SHEET NO. 2 OF 8

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PROFILE



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REV	DATE	BY	CHK	APP	DESCRIPTION

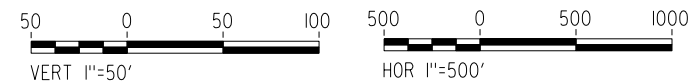
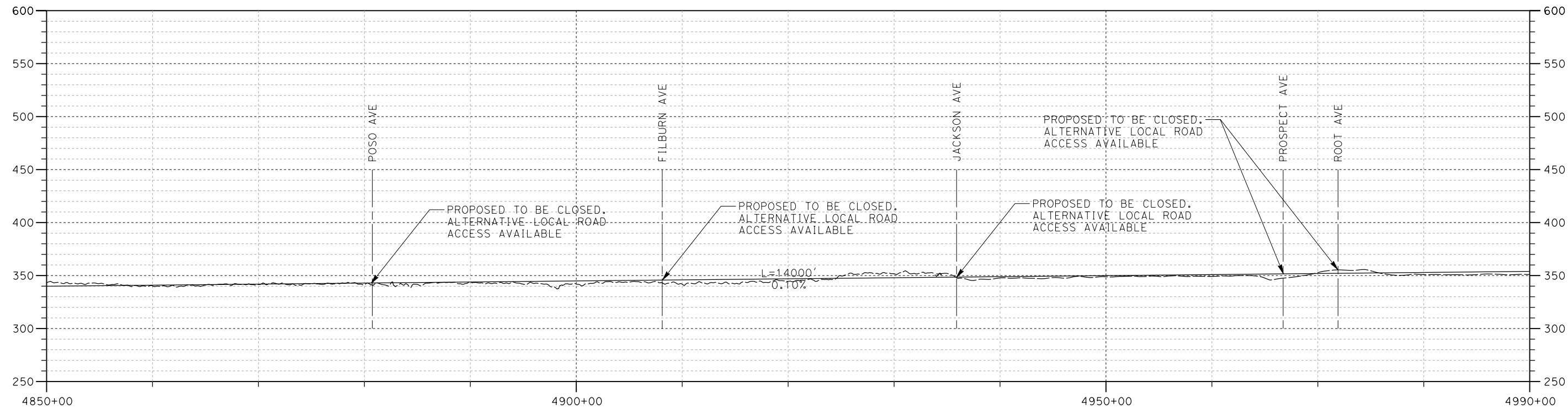
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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
FRESNO TO BAKERSFIELD RURAL SUBSECTION
EAST BYPASS OF WASCO AND SHAFTER
ALIGNMENT CTT2D
STA 4710+00 TO 4850+00

CONTRACT NO. C-0-0000
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SCALE AS SHOWN
SHEET NO. 3 OF 8

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A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



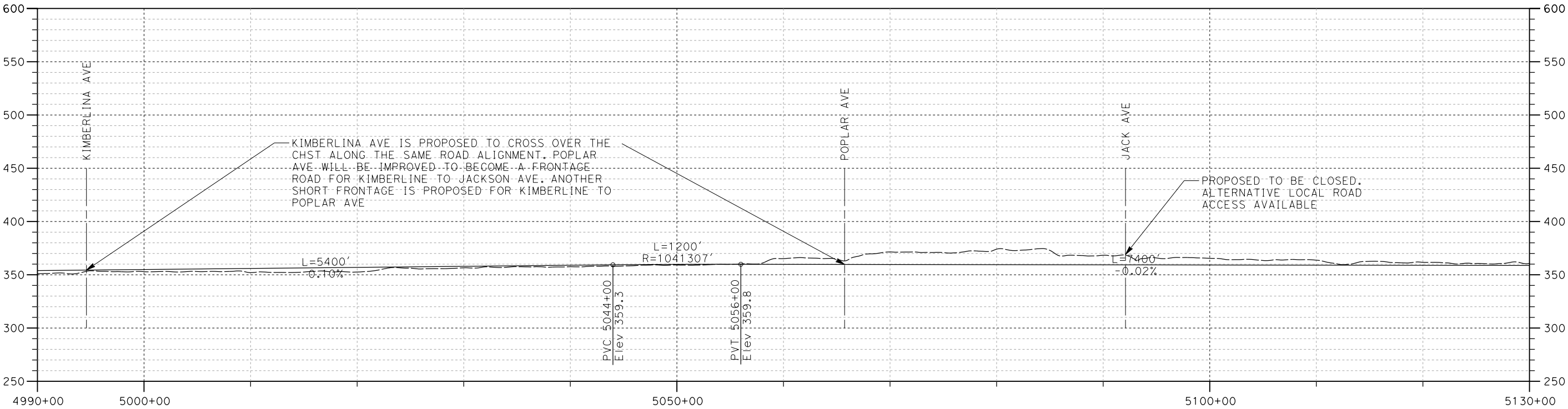
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FRESNO TO BAKERSFIELD
 FRESNO TO BAKERSFIELD RURAL SUBSECTION
 EAST BYPASS OF WASCO AND SHAFER
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 ST 4850+00 TO 4990+00

CONTRACT NO. C-0-0000
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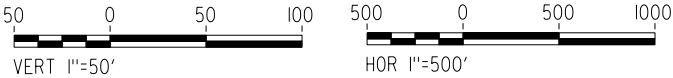
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REV	DATE	BY	CHK	APP	DESCRIPTION

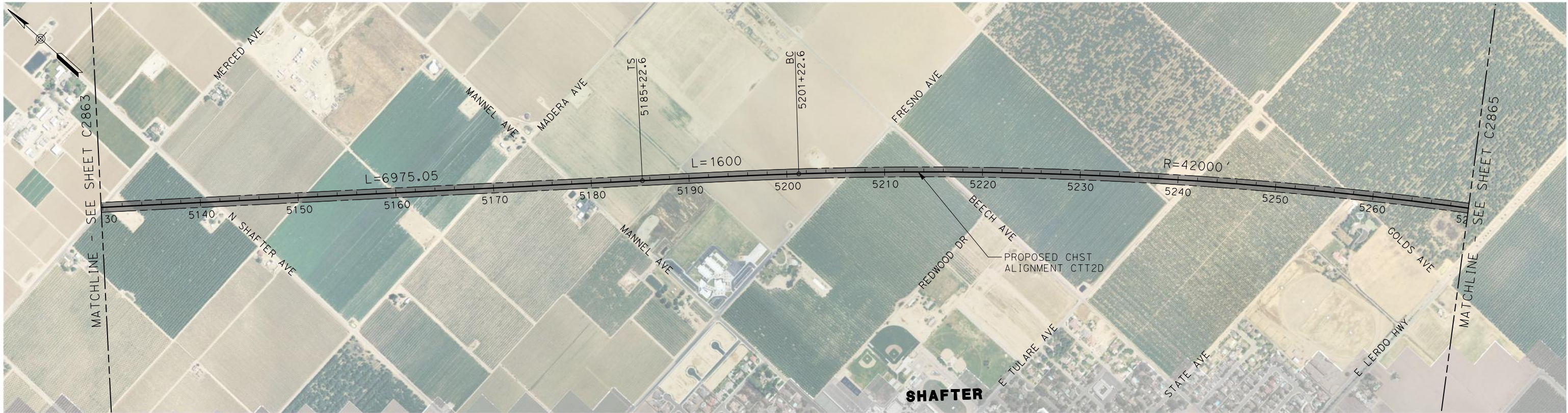
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IN CHARGE J. LIPSCOMB
DATE 01/29/10



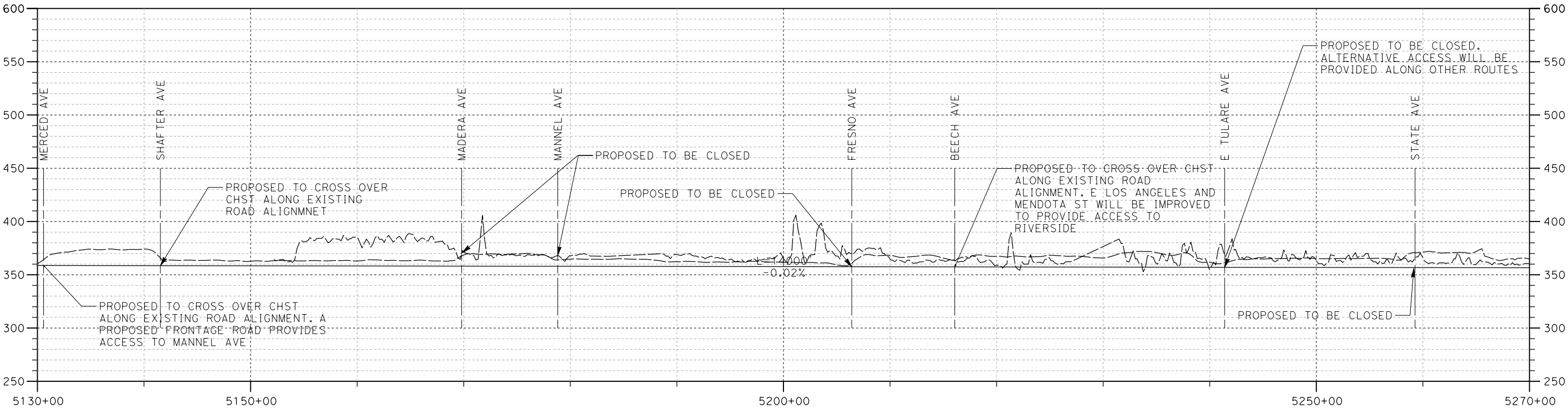
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EAST BYPASS OF WASCO AND SHAFTER
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STA 4990+00 TO 5130+00

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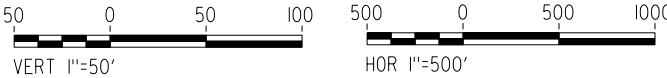
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PROFILE



A	01/29/10	MI	JL	RP	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



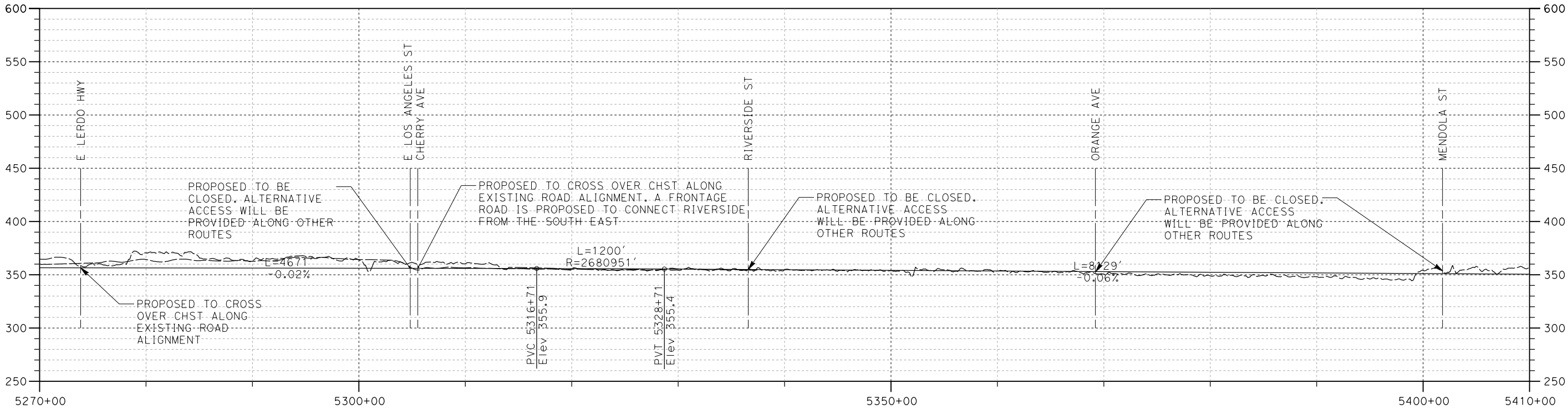
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EAST BYPASS OF WASCO AND SHAFTER
ALIGNMENT CTT2D
STA 5130+00 TO 5270+00

CONTRACT NO. C-0-0000
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SCALE AS SHOWN
SHEET NO. 6 OF 8

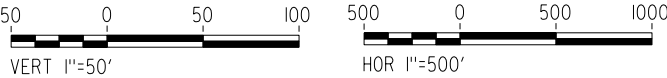
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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
IN CHARGE J. LIPSCOMB
DATE 01/29/10



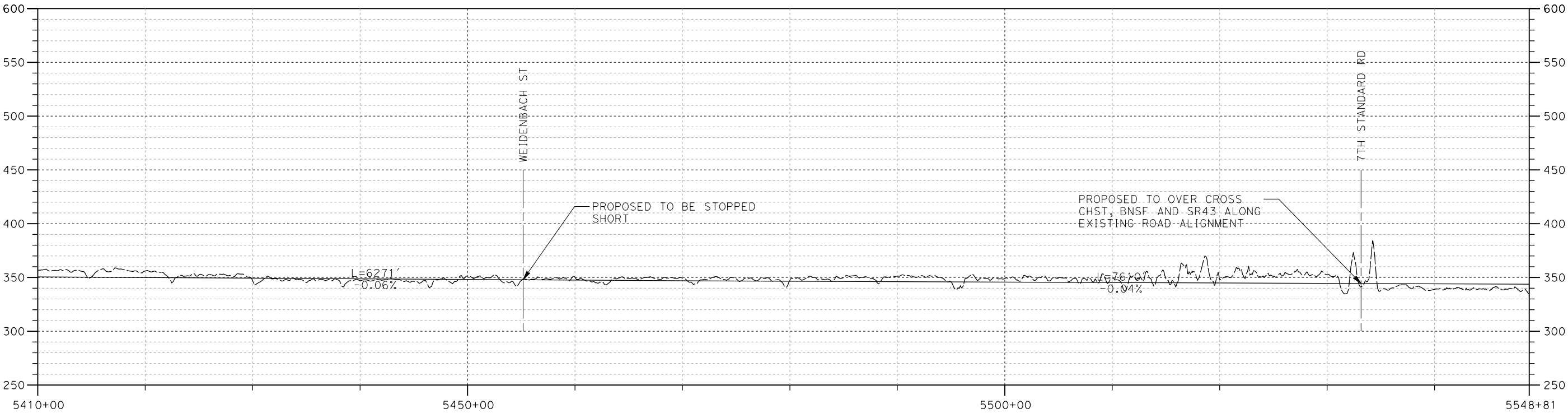
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EAST BYPASS OF WASCO AND SHAFTER
ALIGNMENT CTT2D
STA 5270+00 TO 5410+00

CONTRACT NO. C-0-0000
DRAWING NO. C2865
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SHEET NO. 7 OF 8

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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY M. INKSTER
CHECKED BY J. LIPSCOMB
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DATE 01/29/10

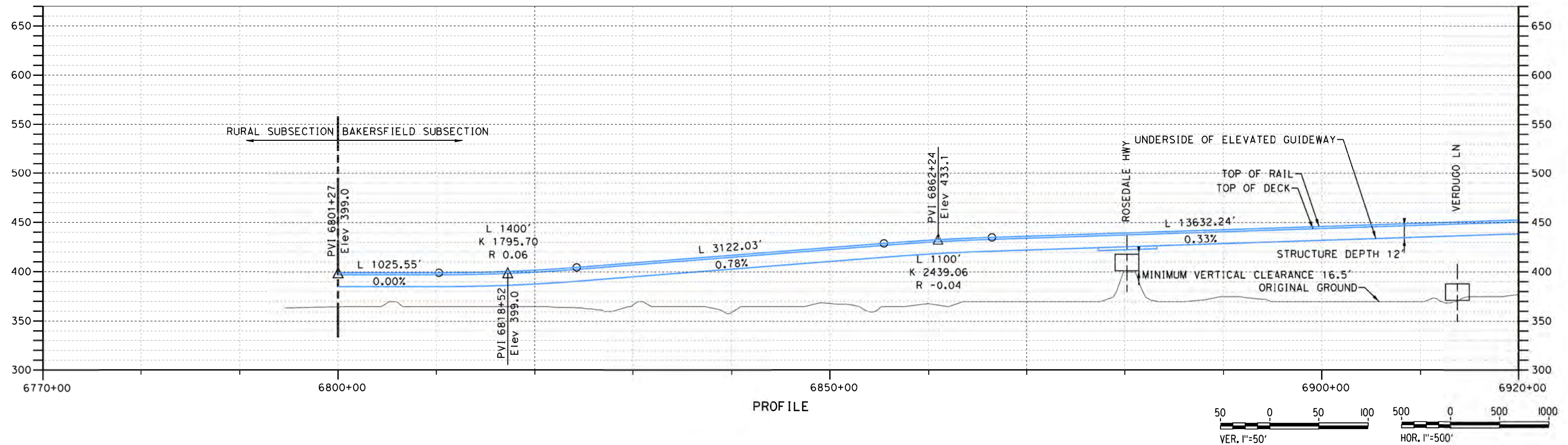


**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**
FRESNO TO BAKERSFIELD RURAL SUBSECTION
EAST BYPASS OF WASCO AND SHAFTER
ALIGNMENT CTT2D
STA 5410+00 TO 5548+81

CONTRACT NO. C-0-0000
DRAWING NO. C2866
SCALE AS SHOWN
SHEET NO. 8 OF 8



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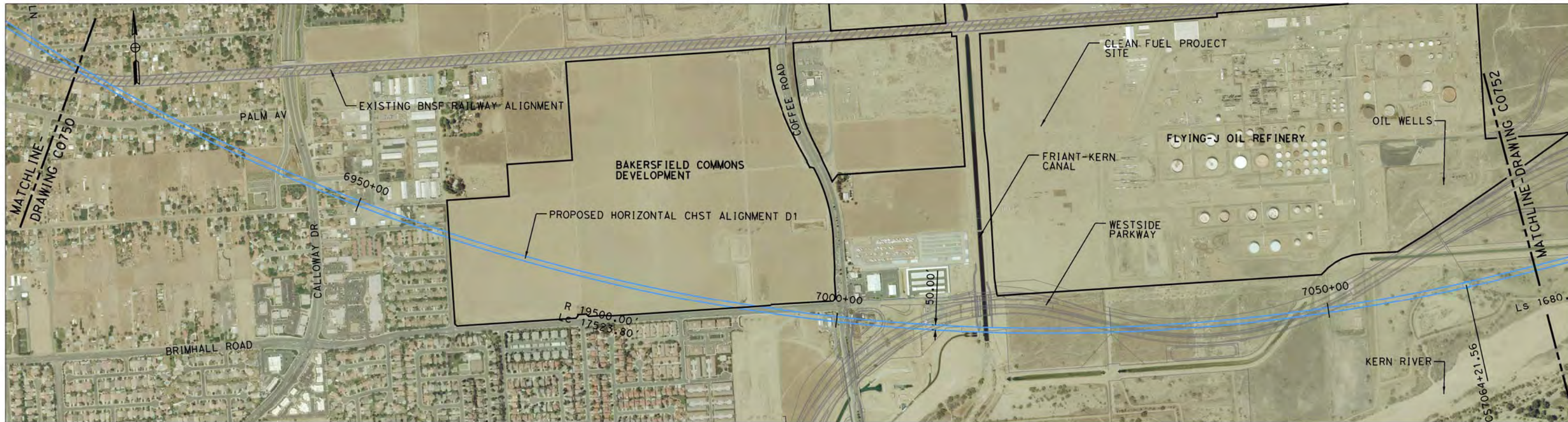
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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY A. TRAYLEN
CHECKED BY P. TURCOTTE
IN CHARGE M. WEISMAN
DATE 01/29/10

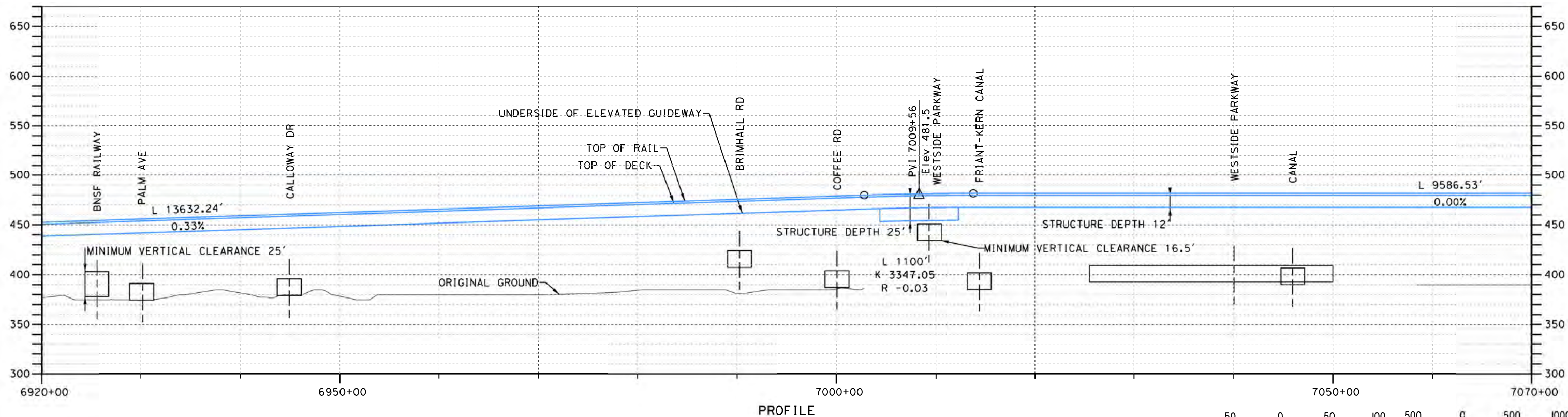


CALIFORNIA HIGH-SPEED TRAIN PROJECT
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 NORTH WEST BAKERSFIELD
 STA. 6770+00 TO 6920+00

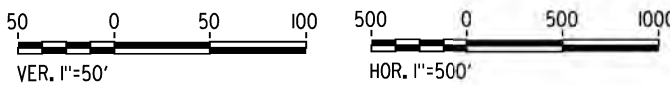
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SHEET NO. 1 OF 7



PLAN



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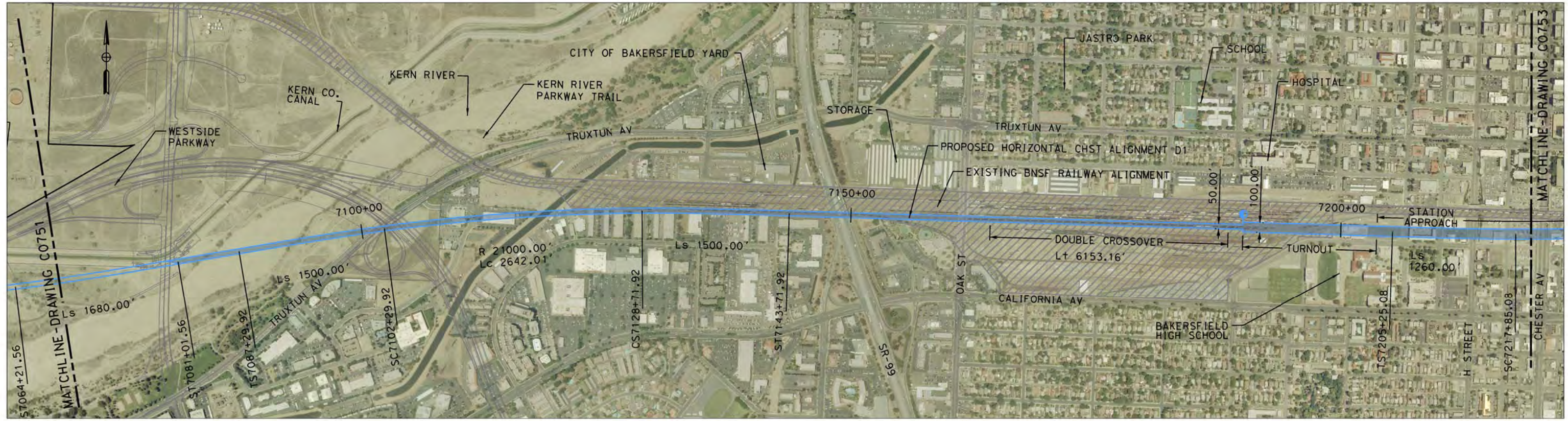


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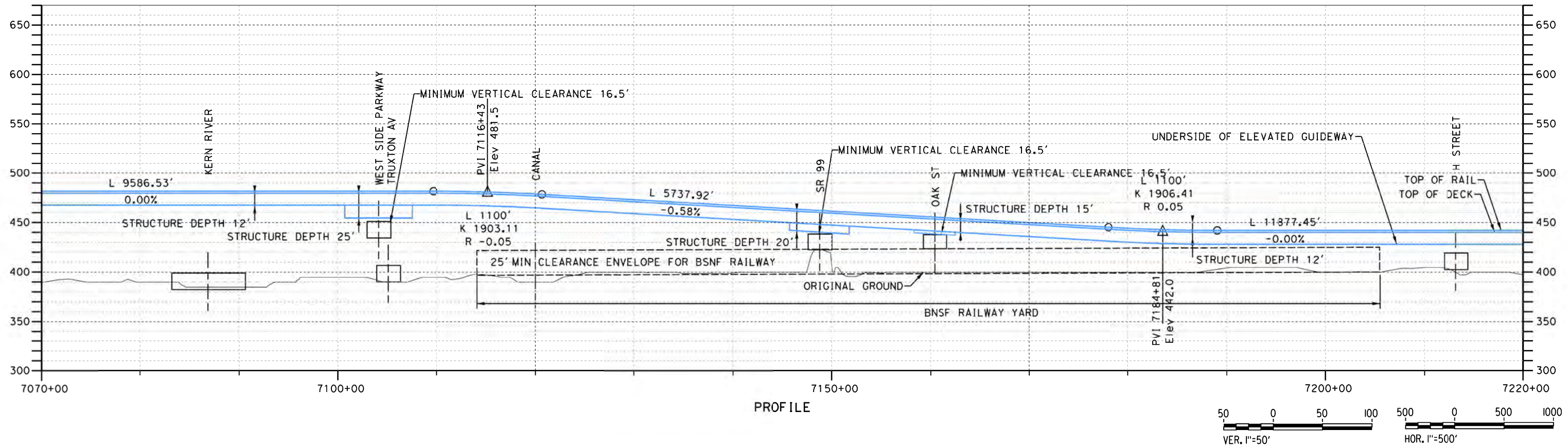
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DRAWN BY A. TRAYLEN	REV	DATE	BY	CHK	APP
CHECKED BY P. TURCOTTE					
IN CHARGE M. WEISMAN					
DATE 01/29/10					



CALIFORNIA HIGH-SPEED TRAIN PROJECT		CONTRACT NO. C-0-0000
FRESNO TO BAKERSFIELD		DRAWING NO. C0751
BAKERSFIELD ALIGNMENT STUDY		SCALE 1"=500'
ALIGNMENT OPTION D1		SHEET NO. 2 OF 7
WEST BAKERSFIELD		
STA. 6920+00 TO 7070+00		



PLAN



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DRAWN BY A. TRAYLEN	DATE 01/29/10	BY AT	CHK PT	APP PT	
CHECKED BY P. TURCOTTE	DATE 01/29/10	BY AT	CHK PT	APP PT	
IN CHARGE M. WEISMAN	DATE 01/29/10	BY AT	CHK PT	APP PT	



CALIFORNIA HIGH-SPEED TRAIN PROJECT

FRESNO TO BAKERSFIELD

BAKERSFIELD ALIGNMENT STUDY

ALIGNMENT OPTION D1

WEST DOWNTOWN BAKERSFIELD

STA. 7070+00 TO 7220+00

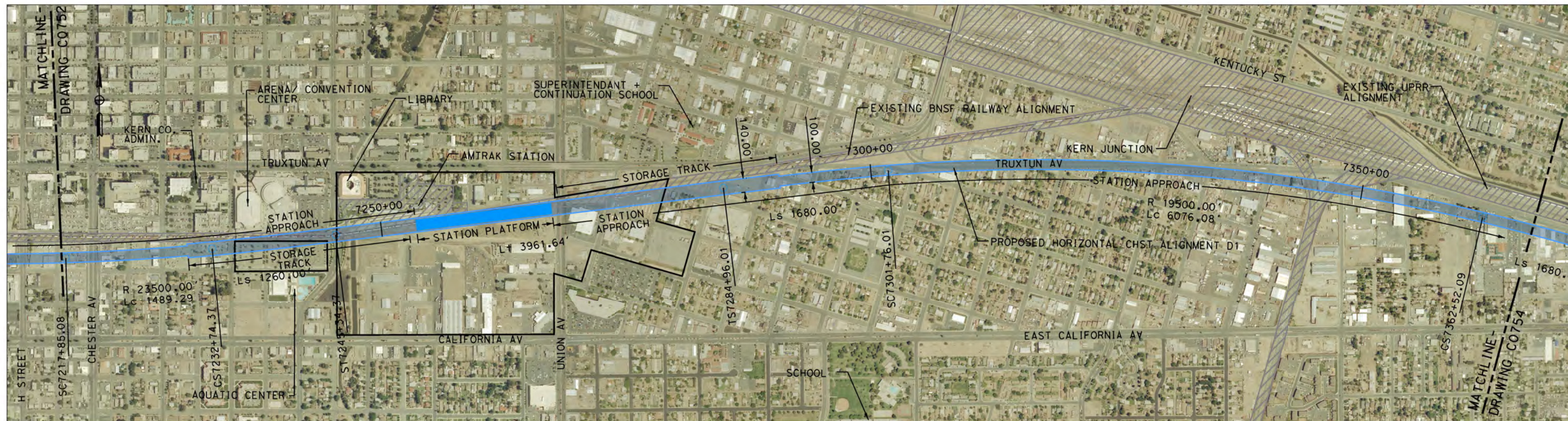
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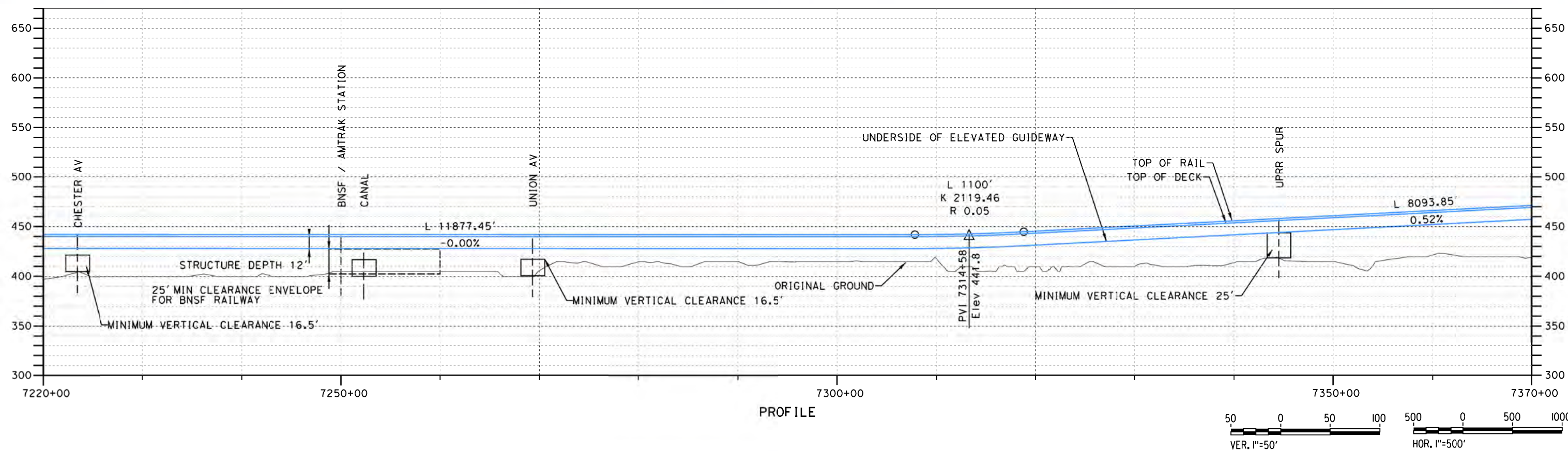
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SHEET NO.
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PLAN



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION
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DESIGNED BY A. TRAYLEN
DRAWN BY A. TRAYLEN
CHECKED BY P. TURCOTTE
IN CHARGE M. WEISMAN
DATE 01/29/10

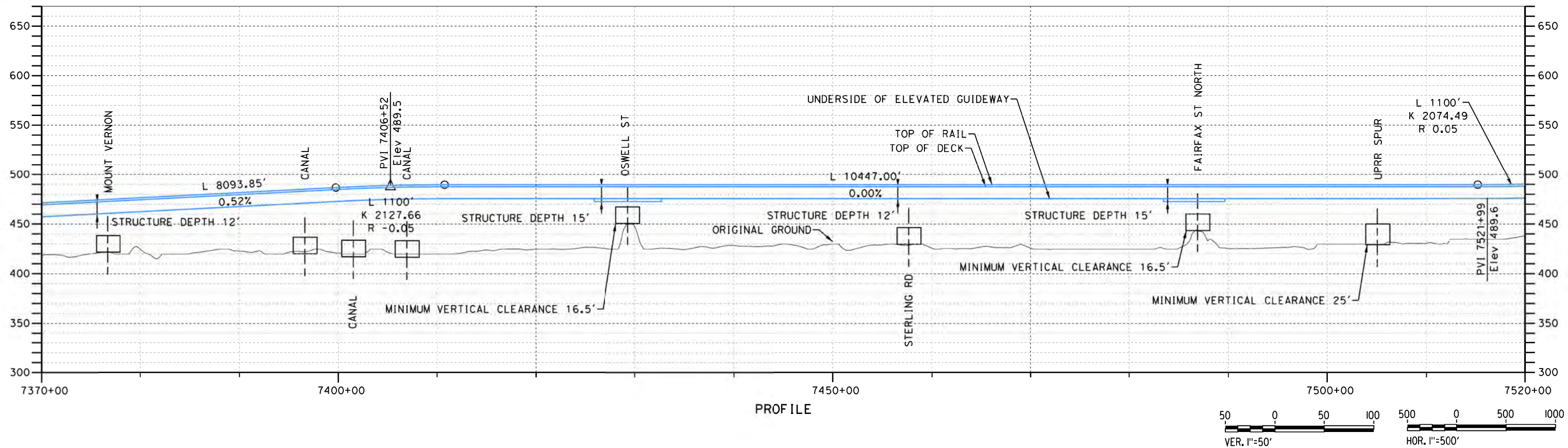


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD ALIGNMENT STUDY
ALIGNMENT OPTION D1
DOWNTOWN BAKERSFIELD
STA. 7220+00 TO 7370+00

CONTRACT NO. C-0-0000
DRAWING NO. C0753
SCALE 1"=500'
SHEET NO. 4 OF 7



PLAN



PROFILE

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tr050836

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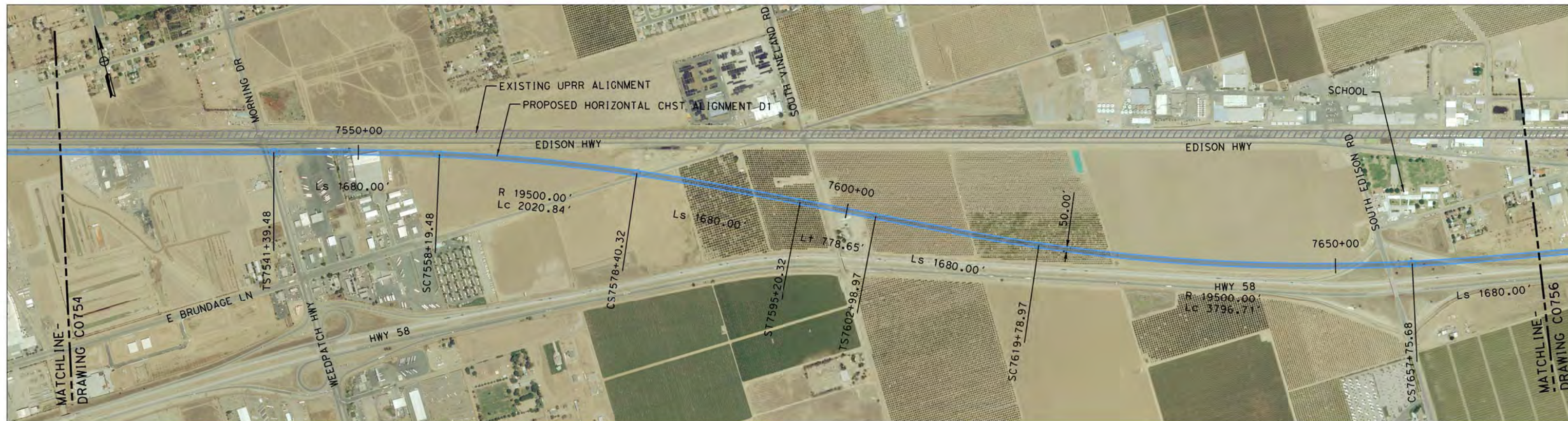
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IN CHARGE M. WEISMAN
DATE 01/29/10



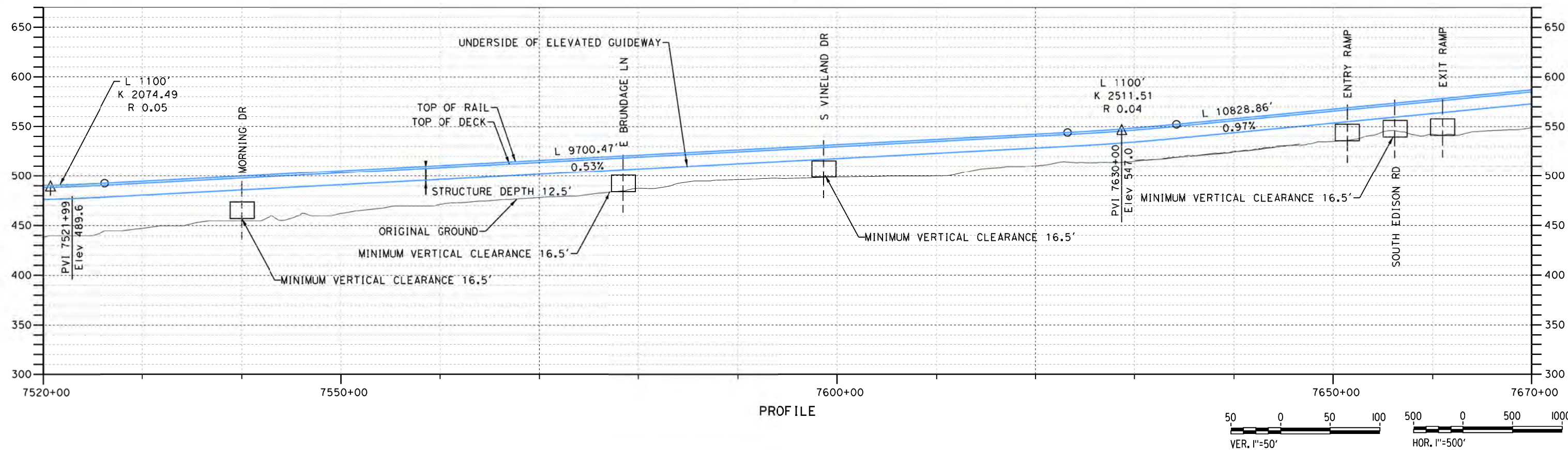
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FRESNO TO BAKERSFIELD
 BAKERSFIELD ALIGNMENT STUDY
 ALIGNMENT OPTION D1
 EAST DOWNTOWN BAKERSFIELD
 STA. 7370+00 TO 7520+00

CONTRACT NO. C-0-0000
DRAWING NO. C0754
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SHEET NO. 5 OF 7

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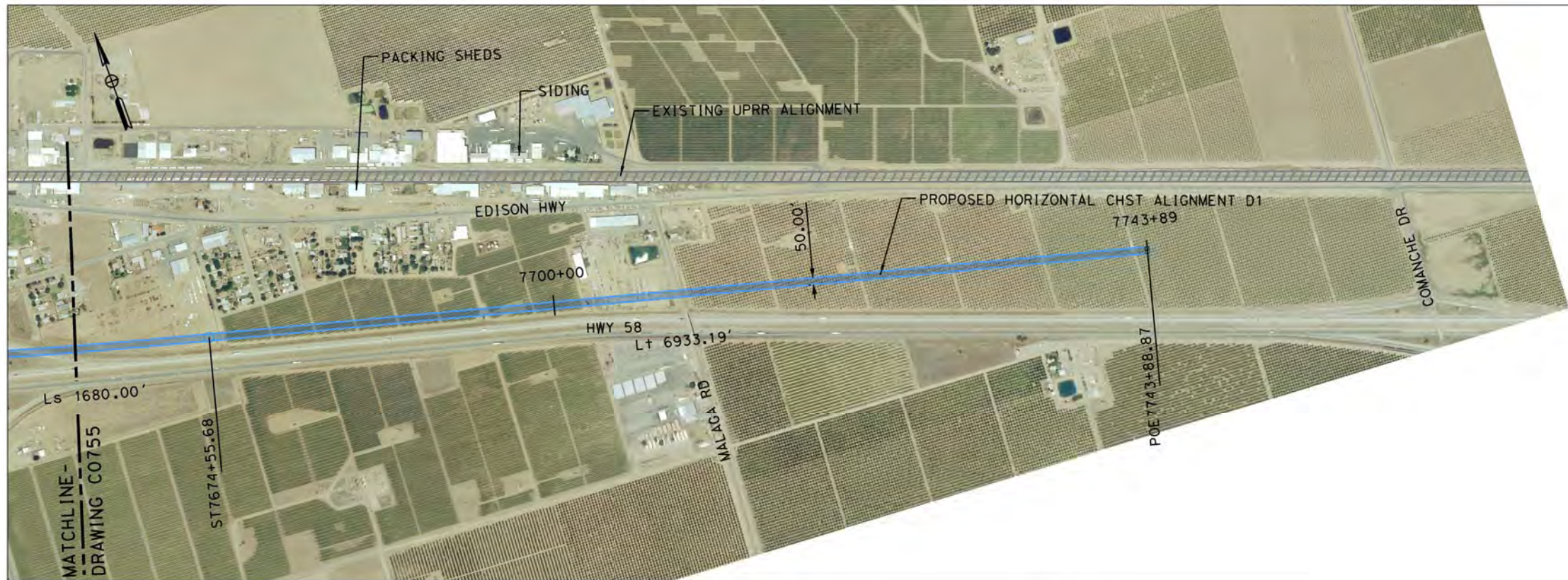
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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY A. TRAYLEN
CHECKED BY P. TURCOTTE
IN CHARGE M. WEISMAN
DATE 01/29/10

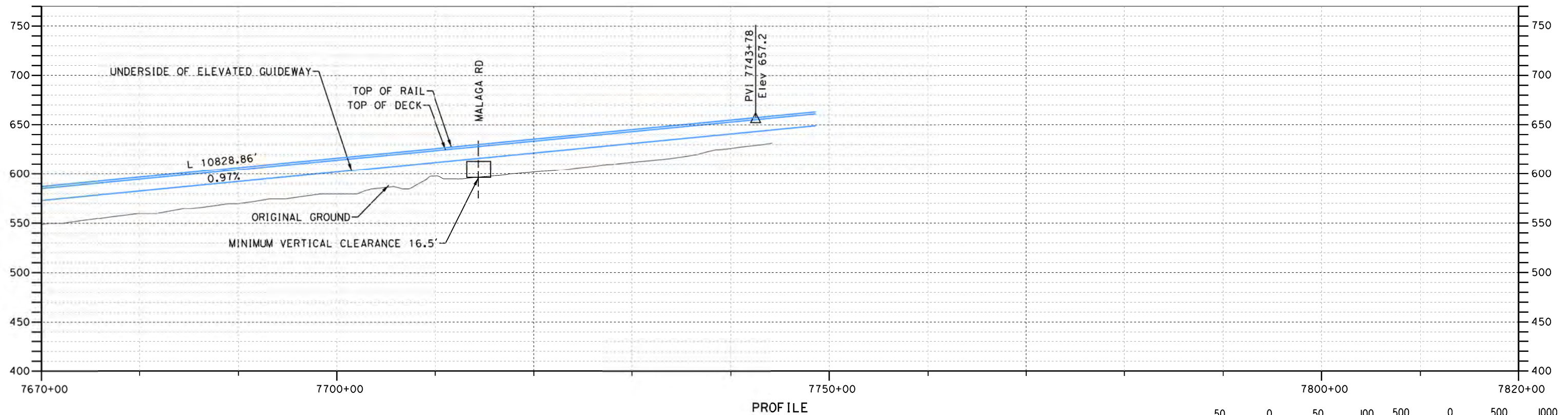


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD ALIGNMENT STUDY
ALIGNMENT OPTION D1
SOUTH EAST BAKERSFIELD
STA. 7520+00 TO 7670+00

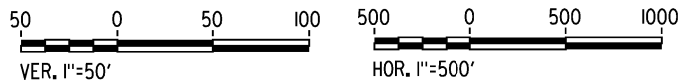
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SHEET NO. 6 OF 7



PLAN



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trc50836

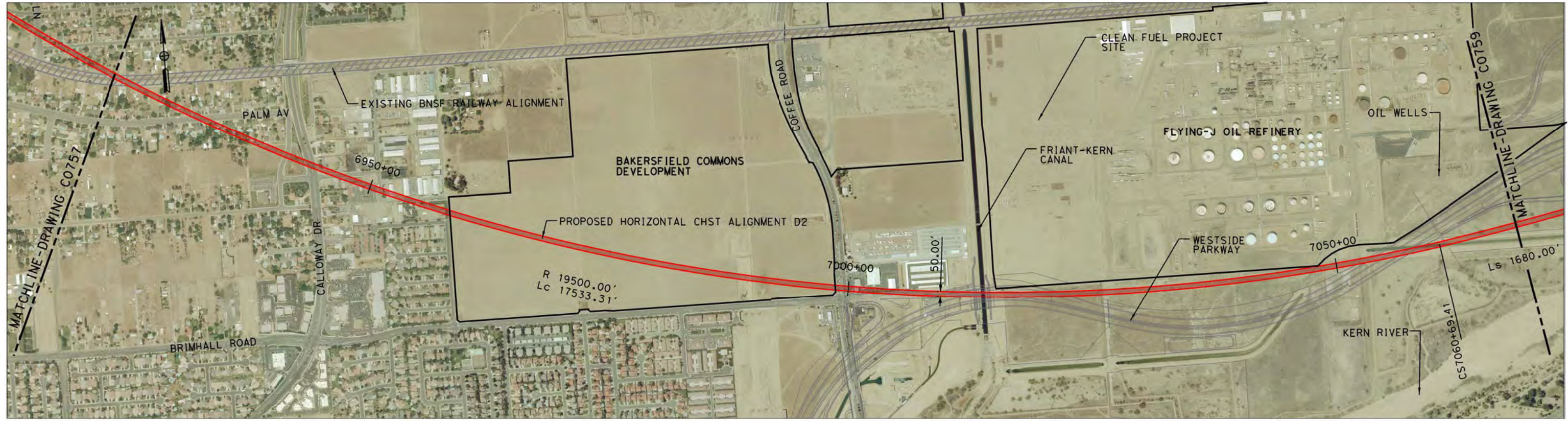
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. TRAYLEN
DRAWN BY A. TRAYLEN
CHECKED BY P. TURCOTTE
IN CHARGE M. WEISMAN
DATE 01/29/10

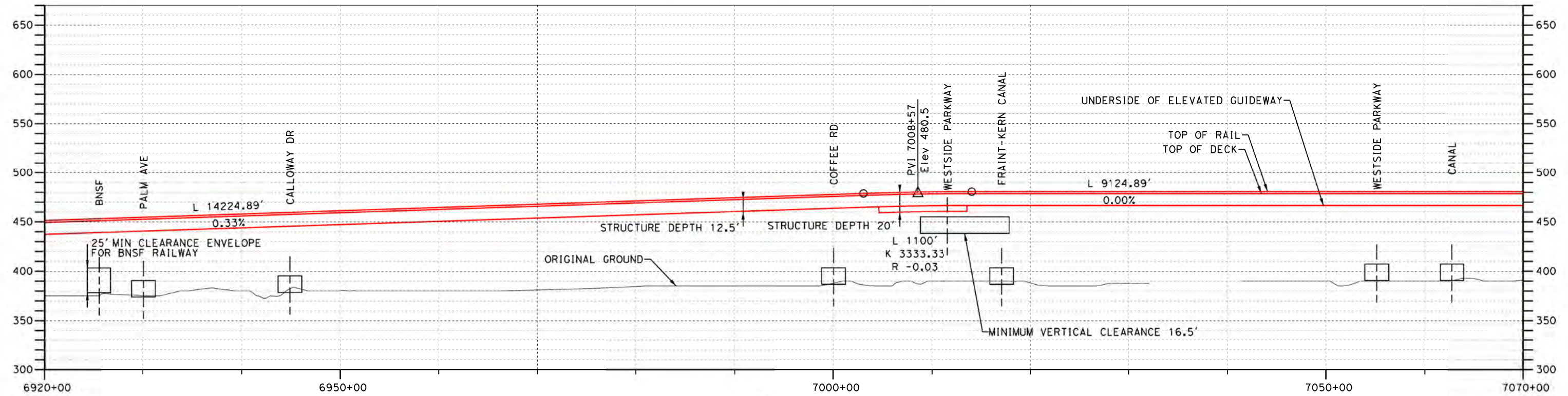


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 BAKERSFIELD ALIGNMENT STUDY
 ALIGNMENT OPTION D1
 SOUTH EAST BAKERSFIELD & EDISON
 STA. 7670+00 TO 7820+00

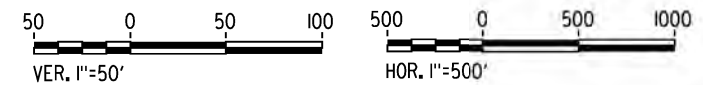
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DRAWING NO. C0756
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SHEET NO. 7 OF 7



PLAN



PROFILE



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DESIGNED BY A. TRAYLEN	DATE 01/29/10	BY AT	CHK PT	APP PT	DESCRIPTION ALTERNATIVES ANALYSIS REPORT
DRAWN BY A. TRAYLEN	REV	DATE	BY	CHK	APP
CHECKED BY P. TURCOTTE					
IN CHARGE M. WEISMAN					
DATE 01/29/10					



CALIFORNIA HIGH-SPEED TRAIN PROJECT

FRESNO TO BAKERSFIELD

BAKERSFIELD ALIGNMENT STUDY

ALIGNMENT OPTION D2

WEST BAKERSFIELD

STA. 6920+00 TO 7070+00

CONTRACT NO.
C-0-0000

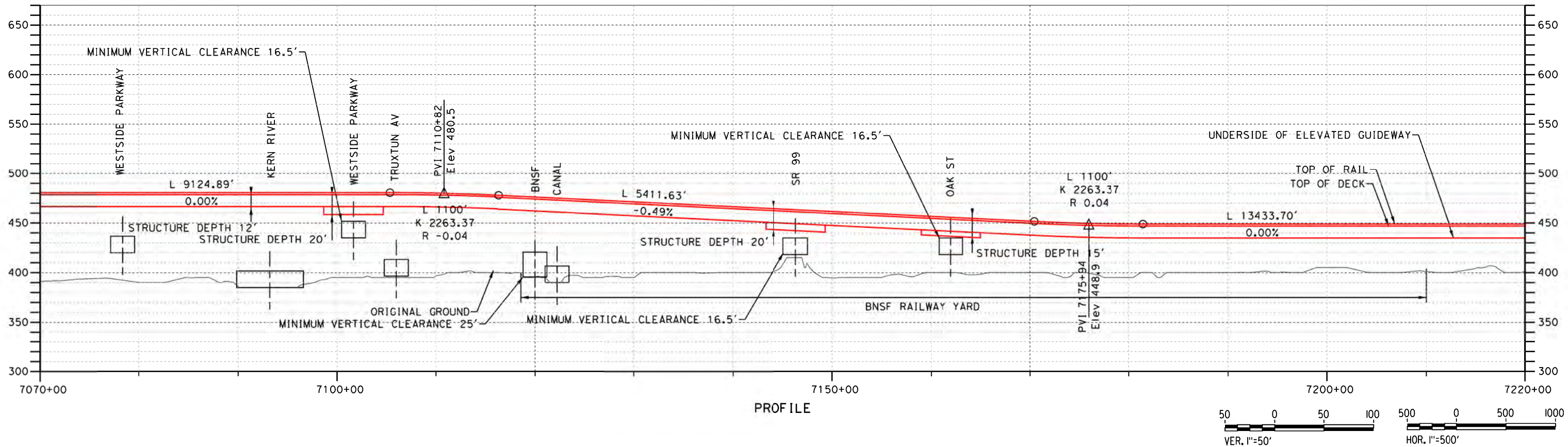
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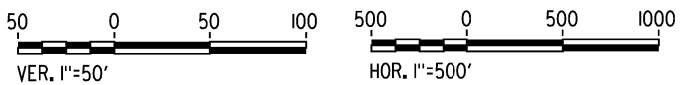
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2 OF 7



PLAN



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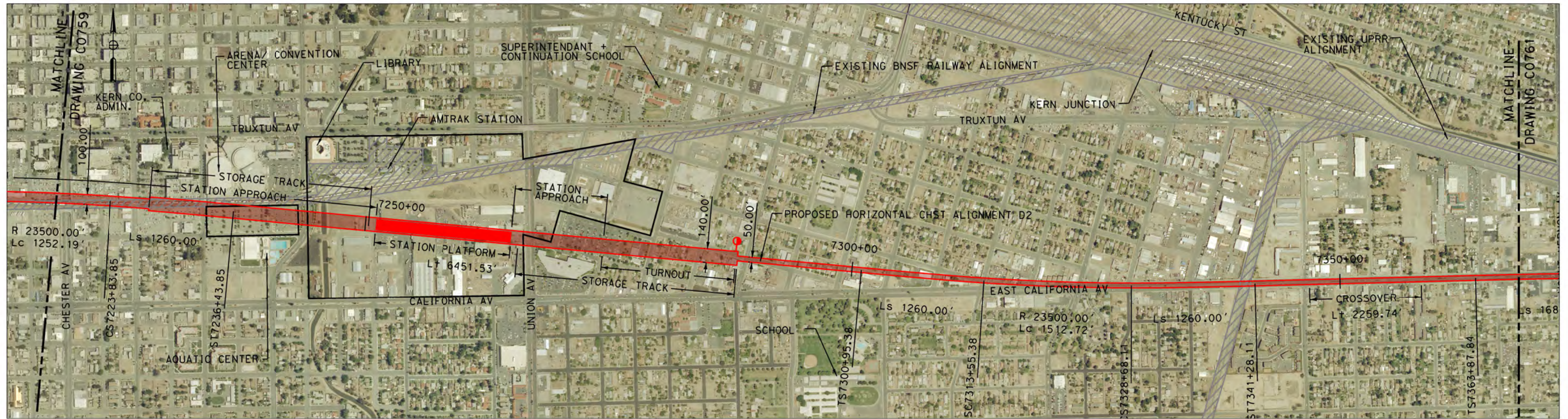
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trg50836						DESIGNED BY A. TRAYLEN
						DRAWN BY A. TRAYLEN
						CHECKED BY P. TURCOTTE
						IN CHARGE
	A	01/29/10	AT	PT	PT	M. WEISMAN
	REV	DATE	BY	CHK	APP	DATE
					DESCRIPTION	01/29/10

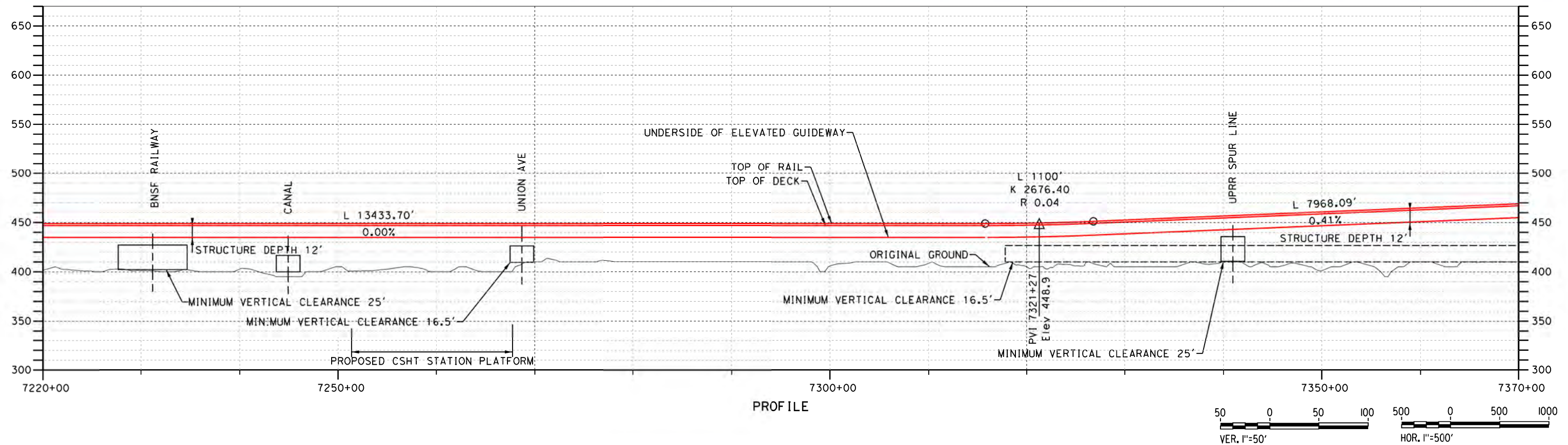


CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD BAKERSFIELD ALIGNMENT STUDY ALIGNMENT OPTION D2 WEST DOWNTOWN BAKERSFIELD STA. 7070+00 TO 7220+00		CONTRACT NO. C-0-0000 DRAWING NO. C0759 SCALE 1"=500' SHEET NO. 3 OF 7
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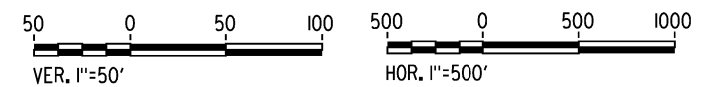
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PLAN



PROFILE



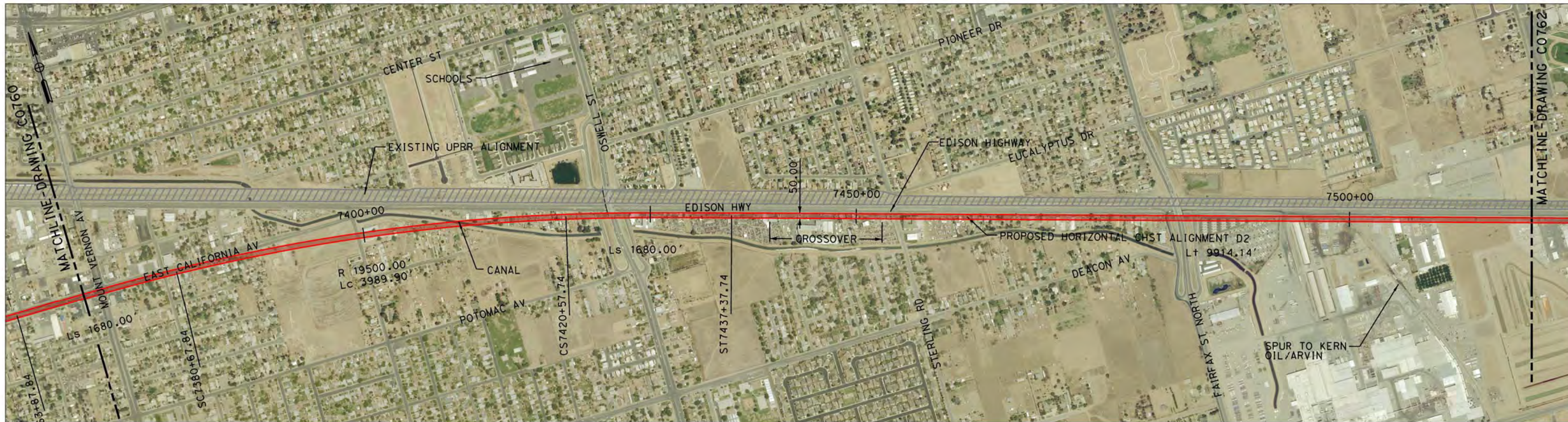
REV	DATE	BY	CHK	APP	DESCRIPTION
A	01/29/10	AT	PT	PT	ALTERNATIVES ANALYSIS REPORT

DESIGNED BY A. TRAYLEN
DRAWN BY A. TRAYLEN
CHECKED BY P. TURCOTTE
IN CHARGE M. WEISMAN
DATE 01/29/10

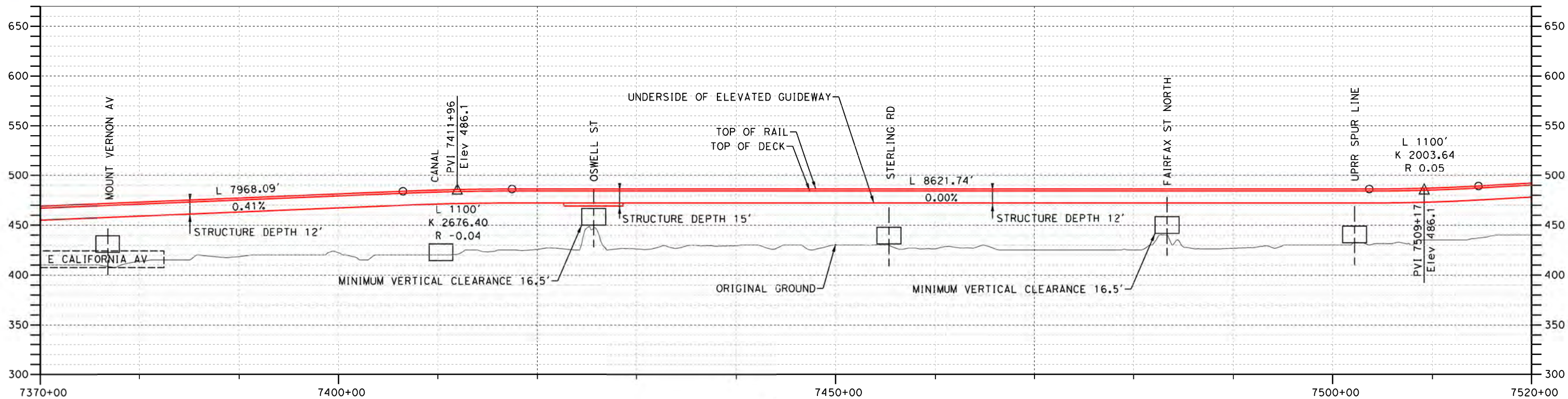


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD ALIGNMENT STUDY
ALIGNMENT OPTION D2
DOWNTOWN BAKERSFIELD
STA. 7220+00 TO 7370+00

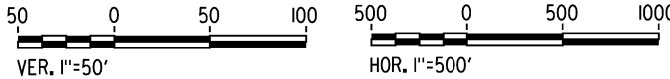
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DRAWING NO. C0760
SCALE 1"=500'
SHEET NO. 4 OF 7



PLAN



PROFILE



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tr050836

REV	DATE	BY	CHK	APP	DESCRIPTION
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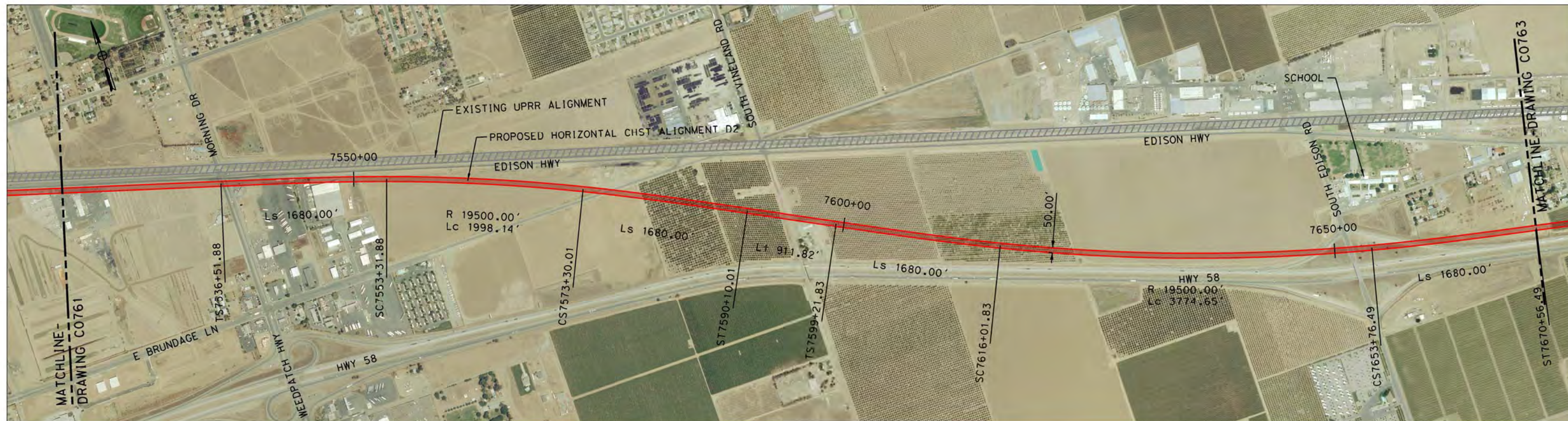
DESIGNED BY A. TRAYLEN
DRAWN BY A. TRAYLEN
CHECKED BY P. TURCOTTE
IN CHARGE M. WEISMAN
DATE 01/29/10



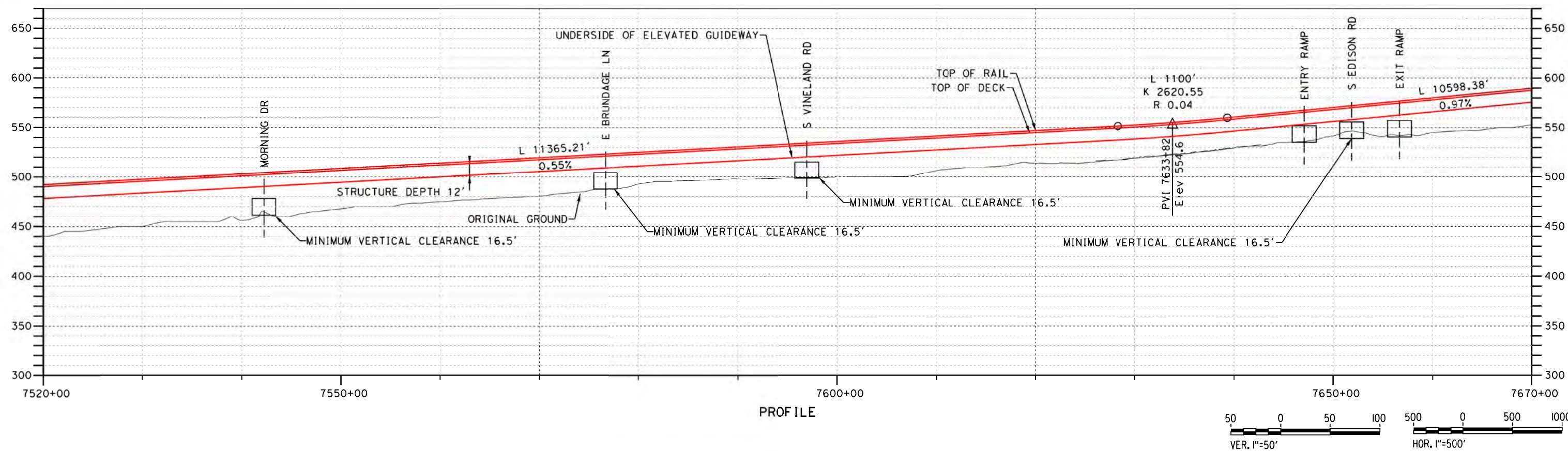
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 BAKERSFIELD ALIGNMENT STUDY
 ALIGNMENT OPTION D2
 EAST DOWNTOWN BAKERSFIELD
 STA. 7370+00 TO 7520+00

CONTRACT NO. C-0-0000
DRAWING NO. C0761
SCALE 1"=500'
SHEET NO. 5 OF 7

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PLAN



PROFILE

A	01/29/10	AT	PT	PT	
REV	DATE	BY	CHK	APP	DESCRIPTION

ALTERNATIVES ANALYSIS REPORT

DESIGNED BY	A. TRAYLEN
DRAWN BY	A. TRAYLEN
CHECKED BY	P. TURCOTTE
IN CHARGE	M. WEISMAN
DATE	01/29/10

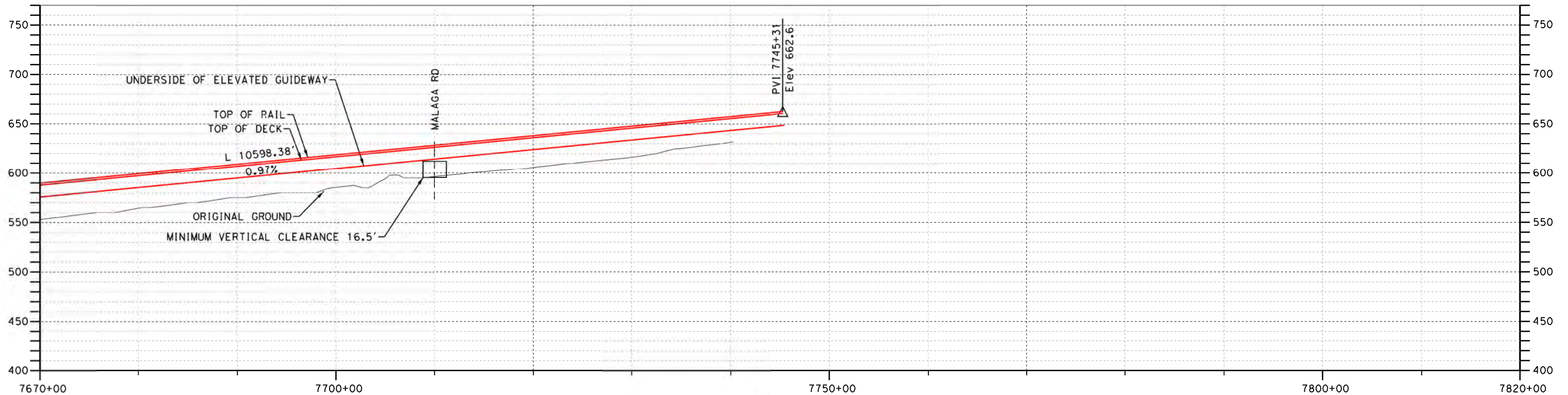


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD ALIGNMENT STUDY
ALIGNMENT OPTION D2
SOUTH EAST BAKERSFIELD
STA. 7520+00 TO 7670+00

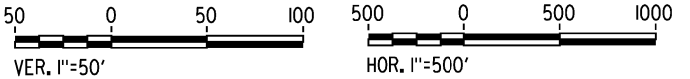
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DRAWING NO.	C0762
SCALE	1"=500'
SHEET NO.	6 OF 7



PLAN



PROFILE



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tr050836

A	01/29/10	AT	PT	PT	ALTERNATIVES ANALYSIS REPORT
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	A. TRAYLEN
DRAWN BY	A. TRAYLEN
CHECKED BY	P. TURCOTTE
IN CHARGE	M. WEISMAN
DATE	01/29/10



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
BAKERSFIELD ALIGNMENT STUDY
ALIGNMENT OPTION D2
SOUTH EAST BAKERSFIELD & EDISON
STA. 7670+00 TO 7820+00

CONTRACT NO.	C-0-0000
DRAWING NO.	C0763
SCALE	1"=500'
SHEET NO.	7 OF 7